Samsung GALAXY 55

SMARTPHONE

User Manual

Please read this manual before operating your device and keep it for future reference.



Legal Notices

Warning: This product contains chemicals known to the State of California to cause cancer and reproductive toxicity.

Intellectual Property

All Intellectual Property, as defined below, owned by or which is otherwise the property of Samsung or its respective suppliers relating to the SAMSUNG Phone. including but not limited to, accessories, parts, or software relating there to (the "Phone System"), is proprietary to Samsung and protected under federal laws, state laws, and international treaty provisions, Intellectual Property includes, but is not limited to, inventions (patentable or unpatentable), patents, trade secrets, copyrights, software, computer programs, and related documentation and other works of authorship. You may not infringe or otherwise violate the rights secured by the Intellectual Property, Moreover, you agree that you will not (and will not attempt to) modify, prepare derivative works of, reverse engineer, decompile, disassemble, or otherwise attempt to create source code from the software. No title to or ownership in the Intellectual

Property is transferred to you. All applicable rights of the Intellectual Property shall remain with SAMSUNG and its suppliers.

Open Source Software

Some software components of this product incorporate source code covered under GNU General Public License (GPL), GNU Lesser General Public License (LGPL), OpenSSL License, BSD License and other open source licenses. To obtain the source code covered under the open source licenses, please visit: http://opensource.samsung.com.

Disclaimer of Warranties; Exclusion of Liability

EXCEPT AS SET FORTH IN THE EXPRESS WARRANTY CONTAINED ON THE WARRANTY PAGE ENCLOSED WITH THE PRODUCT, THE PURCHASER TAKES THE PRODUCT "AS IS", AND SAMSUNG MAKES NO EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, INCLUDING BUT NOT LIMITED TO THE MERCHANTABILITY OF THE PRODUCT OR ITS FITNESS FOR ANY PARTICULAR PURPOSE OR USE; THE DESIGN, CONDITION OR QUALITY

OF THE PRODUCT: THE PERFORMANCE OF THE PRODUCT: THE WORKMANSHIP OF THE PRODUCT OR THE COMPONENTS CONTAINED THEREIN: OR COMPLIANCE OF THE PRODUCT WITH THE REQUIREMENTS OF ANY LAW, RULE, SPECIFICATION OR CONTRACT PERTAINING THERETO, NOTHING CONTAINED IN THE INSTRUCTION MANUAL SHALL BE CONSTRUED TO CREATE AN EXPRESS OR IMPLIED WARRANTY OF ANY KIND WHATSOEVER WITH RESPECT TO THE PRODUCT, IN ADDITION, SAMSUNG SHALL NOT BE LIABLE FOR ANY DAMAGES OF ANY KIND RESULTING FROM THE PURCHASE OR USE OF THE PRODUCT OR ARISING FROM THE BREACH OF THE EXPRESS WARRANTY, INCLUDING INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR LOSS OF ANTICIPATED PROFITS OR BENEFITS.

Modification of Software

SAMSUNG IS NOT LIABLE FOR PERFORMANCE ISSUES OR INCOMPATIBILITIES CAUSED BY YOUR EDITING OF REGISTRY SETTINGS, OR YOUR MODIFICATION OF OPERATING SYSTEM SOFTWARE.

USING CUSTOM OPERATING SYSTEM SOFTWARE MAY CAUSE YOUR DEVICE AND APPLICATIONS TO WORK IMPROPERLY. YOUR CARRIER MAY NOT PERMIT USERS TO DOWNLOAD CERTAIN SOFTWARE, SUCH AS CUSTOM OS.

SAFE™ (Samsung For Enterprise)

SAFE™: "SAFE™" (Samsung for Enterprise) is a mark for a Samsung device which has been tested against Samsung's own internal criteria for interoperability with certain third party security-related solutions for MDM and VPN. The testing includes field testing with local network connection and menu tree testing which tests functionality of the solutions in conjunction with the Samsung device. During the testing, the device is tested with the security solutions to see if the solutions work with the device as described by the third party security solution providers. The testing, for example, includes field testing with local network connection and menu tree testing which tests functionality of the solutions in conjunction with the Samsung device. For more information about Samsung's SAFE™ program, please refer to www.samsung.com/us/safe.

Disclaimer of Warranties: EXCEPT AS OTHERWISE PROVIDED IN THEIR STANDARD END USER LICENSE AND WARRANTY, TO THE FULL EXTENT PERMITTED BY LAW SAMSUNG ELECTRONICS CO., LTD., SAMSUNG TELECOMMUNICATIONS AMERICA. LLC. AND THEIR AFFILIATES (COLLECTIVELY REFERRED TO HEREIN AS THE "SAMSUNG ENTITIES") EXPRESSLY DISCLAIM ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE. INTEROPERABILITY OR NON-INFRINGEMENT, WITH RESPECT TO INFORMATION TECHNOLOGY SECURITY PROTECTION, SAFE™ DEVICES AND APPLICATIONS TESTED WITH SAFE™ DEVICES, IN NO EVENT SHALL THE SAMSUNG ENTITIES BE LIABLE FOR ANY DIRECT. INDIRECT. INCIDENTAL. PUNITIVE. OR CONSEQUENTIAL DAMAGES OF ANY KIND WHATSOEVER WITH RESPECT TO INFORMATION TECHNOLOGY SECURITY PROTECTION, SAFE™ DEVICES OR APPLICATIONS TESTED WITH SAFE™ DEVICES. In addition, information technology security protection will be affected by features or functionality associated with, among other things the e-mail platform, master data management, and virtual private network solutions selected by the software provider, solution provider or user. Choice of an e-mail. master data management, and virtual private network solution is at the sole discretion of the software provider,

solution provider or user and any associated effect on information technology security protection is solely the responsibility of the software provider, solution provider or user. For complete statement of limited warranty, please refer to www.samsung.com/us/safe, available on the web and where Samsung smartphones and mobile devices are sold. [091714]

Samsung Telecommunications America (STA), LLC

Headquarters:

1301 E. Lookout Drive Richardson, TX 75082

1-800-SAMSUNG (726-7864) 1-888-987-HELP (4357)

Internet Address: www.samsung.com

©2014 Samsung Telecommunications America, LLC. Samsung, Galaxy, Galaxy Note, S Pen, Multi window, and S Health are registered trademarks of Samsung Electronics Co., Ltd.

Do you have questions about your Samsung Mobile Phone?

For 24 hour information and assistance, we offer a new FAQ/ARS System (Automated Response System) at: www.samsung.com/us/support.

The actual available capacity of the internal memory is less than the specified capacity because the operating system and default applications occupy part of the memory. The available capacity may change when you upgrade the device.

Nuance®, VSuite™, T9® Text Input, and the Nuance logo are trademarks or registered trademarks of Nuance Communications, Inc., or its affiliates in the United States and/or other countries.

ACCESS® and NetFront™ are trademarks or registered trademarks of ACCESS Co., Ltd. in Japan and other countries.

The Bluetooth® word mark, figure mark (stylized "B Design"), and combination mark (Bluetooth word mark and "B Design") are registered trademarks and are wholly owned by the Bluetooth SIG.

microSD $^{\mathsf{M}}$ and the microSD logo are Trademarks of the SD Card Association.

Openwave® is a registered Trademark of Openwave, Inc.

Google, the Google Iogo, Android, the Android Iogo, Google Play, Gmail, Google Mail, Google Maps, Google Music, Google Hangouts, Picasa, Play Newsstand, YouTube, and other marks are trademarks of Google Inc.

Wi-Fi is a registered trademark of the Wireless Fidelity Alliance, Inc.

Swype and the Swype logos are trademarks of Swype, Inc.

Online Legal Information

The online version of the Health/Safety and Warranty guide for your device can be found at:

English

www.samsung.com/us/Legal/Phone-HSGuide

Spanish

www.samsung.com/us/Legal/Phone-HSGuide-SP

The online version of the **End User Licensing Agreement** for your device can be found online at:
www.samsung.com/us/Legal/SamsungLegal-EULA1

Table of Contents

Getting Started	1
Front View	2
Back View	4
Assemble Your Device	6
Set Up Your Device	13
Set Up Accounts	15
Know Your Device	17
Home Screen	
Status Bar	26
Navigation and Motions	
Notification Panel	
Multi Window	35
Entering Text	
Calling	45
Making and Answering Calls	
Applications	57
Apps Screen	
Google Applications	
Other Applications	
Calculator	

Calendar	
Camera and Video	75
Clock	82
Contacts	85
Email	96
GALAXY Apps	100
Gallery	102
Internet	107
Memo	111
Messages	114
Music Player	121
My Files	123
S Health	126
S Voice	129
Smart Remote	131
Video	132
Voice Recorder	135
ettings	137
How to Use Settings	139
Wi-Fi and Wi-Fi Direct	
Download Booster	148
Bluetooth	149
Airplane Mode	155
Data Usage	156
Location Services	158
Default Messaging App	162
Mobile Networks	

Virtual Private Networks (VPN)	164
Sharing Files with NFC	166
Nearby Devices	169
Printing	171
Screen Mirroring	172
Sound Settings	173
Display Settings	181
Wallpaper Settings	187
Lock Screen	188
Multi Window Settings	192
Notification Panel	193
Toolbox	196
One-Handed Operation	197
Easy Mode	198
Accessibility	199
Blocking Mode	204
Private Mode	206
Finger Scanner	207
Motions and Gestures	210
Air View	212
Accounts	213
Backup and Reset	216
Language and Input Settings	218
Date and Time Settings	225
Safety Assistance	226
Accessories	
Battery	231
Power Saving	233

Storage	235
Security	240
Help	
About Your Device	247
Application Manager	249
Default Applications	
Application Settings Shortcuts	255

Getting Started

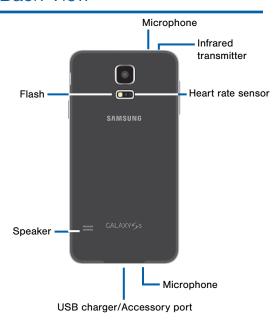
Learn about your mobile device hardware, assembly procedures, and how to get started using your new device.

Front View



- Back key: Tap to return to the previous screen, or to close a dialog box, menu, or keyboard.
- Earpiece: Listen to a call.
- Front camera: Take self-portraits and record videos of yourself.
- Headset jack: Connect a headset (included).
- Home key: Tap to return to the Home screen. Activate the Fingerprint security feature.
- Power/Lock key: Press and hold to turn the device on or off. Press to lock or wake up the screen. Press and hold to turn the device off or restart it, or for quick access to Airplane Mode, Emergency Mode, and to Mute, Vibrate, and Sound modes.
- Proximity and gesture sensors: Detects the presence of objects near the device.
- Recent apps key: Tap to display recent apps or touch and hold for home screen options.
- Status light: Displays red when charging or the battery is low, blue when a notification has arrived or you are voice recording, and green when fully charged.
- Volume: Press to adjust the volume of your device's sounds and audio.

Back View



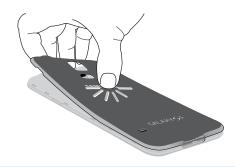
- Back camera: Take pictures and record videos.
- Flash: Illuminate subjects in low-light environments when taking a photo or recording video.
- Heart rate sensor: When using the S Health app, this sensor measures your heart rate via your fingertip.
- Infrared transmitter: Controls external devices using infrared light.
- Microphone: Records audio and detects voice commands.
- Speaker: Plays music and other sounds.
- USB charger/Accessory port: Connect the Charger/ USB cable (included), and other optional accessories (not included).

Assemble Your Device

Prior to use, it is necessary to install the battery. An optional memory card (not included) can be installed also.

Remove the Back Cover

- Remove the back cover using the slot on the side of your device.
- 2. Lift the cover up and to the bottom of the device.



Warning: Do not bend or twist the back cover excessively. Doing so may damage the cover.

Install a Memory Card

You can install an optional microSD or microSDHC memory card (not included) to expand available memory space.

Note: A memory card can be installed at any time; it is not necessary to install it prior to using the device.

For more information on installing a memory card, see "Install a Memory Card" on page 237.

Install the Battery

- Insert the battery into the opening on the back of the device, making sure the connectors align.
- 2. Gently press down to secure the battery.



Replace the Back Cover

- Place the back cover onto the device and press down.
- Press along the edge of the back cover until you have a secure seal.



Charge the Battery

Your device is powered by a rechargeable, standard Li-lon battery. A Wall/USB Charger (charging head and USB cable) is included with the device for charging the battery from any standard outlet.

The battery comes partially charged. A fully discharged battery requires up to four hours of charge time. You can use the device while charging.

Caution: Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.



To charge the battery:

- 1. Insert the USB cable into the port.
- Connect the USB cable to the charging head, and then plug the charging head into a standard outlet.



When charging is complete, unplug the charging head from the outlet and remove the USB cable from the device.

Caution: Failure to unplug the wall charger before you remove the battery, can cause damage to the device.

When to Charge the Battery

When the battery is weak and only a few minutes of operation remain, the battery icon () blinks and the device sounds a warning tone at regular intervals.

In this condition, your device conserves its remaining battery power by dimming the screen.

When the battery level becomes too low, the device automatically turns off.

► For a quick check of your battery level, view the battery charge indicator located in the upper-right corner of your device's display. A solid color (☐) indicates a full charge.

You can also choose to display a percentage value. Viewing a percentage value can provide a better idea of the remaining charge on the battery. For more information, see "Battery" on page 231.

Set Up Your Device

Turn Your Device On or Off

Turning the Device On

Press and hold the Power/Lock key until the device vibrates and starts up.

Turning the Device Off

- Press and hold the Power/Lock key until the Device options menu displays.
- 2. Tap Power off.

Welcome Screen

The first time you turn your device on, the Welcome Screen displays. It will guide you through the basics of setting up your device.

Follow the prompts to choose a default language, connect to a Wi-Fi network, set up accounts, choose location services, learn about your device's features, and more.

Secure Your Device

Use your device's screen lock features to secure your device.

Lock the Device

By default, the device locks automatically when the screen times out.

To lock the device, press the Power/Lock key.

Unlock the Device

The default Screen lock on your device is Swipe.

To unlock your device, press the Power/Lock key or Home key, and then touch and drag your finger across the screen.

Set Up a Secure Screen Lock

The default Screen lock is Swipe, which offers no security. To choose a more secure screen lock, see <u>"Set a Screen Lock" on page 189</u>.

Set Up Accounts

Google Account

Your new device uses your Google Account to fully utilize its Android features, including Gmail, Google Hangouts, and the Google Play Store.

When you turn on your device for the first time, set up your existing Google Account, or create a new Google Account.

- or -

To create a new Google Account or set up your Google Account on your device at any time, use Accounts settings. For more information, see "Accounts" on page 213.

From a Home screen, tap Apps > Settings > Accounts > Add account > Google.

Samsung Account

Create a Samsung account, for access to Samsung content and apps on your device.

When you turn on your device for the first time, set up your existing Samsung account, or create a new Samsung account.

– or –

To create a new Samsung account or set up your Samsung account on your device at any time, use Accounts settings. For more information, see "Accounts" on page 213.

From a Home screen, tap Apps > Settings > Accounts > Add account > Samsung account.

Know Your Device

Learn some of the key features of your mobile device, including the screens and icons, as well as how to navigate the device and enter text using the keyboard.

Warning: Please note that a touch screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch screen may damage the tempered glass surface and void the warranty.

Home Screen



- Apps Folder: For your convenience, there are several applications that are grouped into folders on the main Home screen.
- Apps Screen: Allows quick access to all of your applications.
- App Shortcuts: Shortcuts to your favorite applications.
- Home Screen Indicator: Indicates which Home screen is presently displayed.
- Notification Icons: Display new messages and emails, notifications, available software updates, and so on
- Status Bar: Displays device status icons (right) and notification icons (left).
- Status Icons: Display information about the device, such as the network signal strength, battery level, the time, and so on.
- Widgets: Self-contained applications that run on the Home screen (not shortcuts).

The Home screen is the starting point for using your device.

Customize your Home screen by adding application shortcuts, widgets, folders, and using wallpapers.

Manage Home Screens

Your device comes with multiple Home screens to hold apps and widgets. You can rearrange the Home screens in a different order.

- 1. From a Home screen, pinch the screen.
 - or -

Touch and hold an empty space on the screen.

- 2. Use these options to manage screens:
 - Add a screen: Scroll to the end of the screens, and then tap — Add.
 - Remove a screen: Touch and hold on a screen, and then drag it to \(\overline{\pi}\) Remove.
 - Set a screen as the main Home screen: Tap
 Main Home screen at the top of a screen.

 This screen displays when you press the Home Key.
 - Change the order of screens: Touch and hold on a screen, and then drag to a new position.
 - Touch Home screen settings for options:
 - Transition effect: Change the visual effect used when you move between Home screens.
 - My Magazine: Display all My Magazine updates on the Home screen.

App Shortcuts

You can use app shortcuts to launch an app from any Home screen.

Add a Shortcut to a Home Screen

- 1. From a Home screen, tap Apps.
- Touch and hold an app shortcut, drag it to a Home screen, and then release it.

Remove a Shortcut

- 1. Touch and hold an app shortcut to release it.
- 2. Drag the app shortcut to in Remove and release it.

Note: Removing a shortcut does not delete the app, it just removes the shortcut from the Home screen.

Widgets

Widgets are self-contained apps that run on a Home screen. There are all kinds of widgets, including links to a specific contact, Internet bookmarks, Gmail and email accounts, and many others.

Add a Widget to a Home Screen

- Touch and hold an empty space on the screen, and then tap Widgets.
- Touch and hold a widget, drag it to a Home screen, and then release it.

Remove a Widget

- From a Home screen, touch and hold a widget to release it.
- Drag the widget to Remove and release it.

Note: Removing a widget does not delete the widget, it just removes the widget from the Home screen.

Folders

Place folders on a Home screen to organize items.

Add a Folder to a Home Screen

- From a Home screen, touch and hold an app shortcut.
- Drag the shortcut onto Create folder and release.
- Enter a folder name.
- Tap Add to place additional apps in the folder.
- Tap **Done**. A folder is created with the shortcut(s) inside

Using Folders

- Tap a folder to open it and access the shortcuts inside.
- To add shortcuts to a folder, touch and hold the shortcut, and then drag it onto the folder and release.
- To delete a folder, touch and hold the folder until it detaches, and then drag it to Remove and release.
- Tap More options to change the folder's color scheme

Change the Wallpaper

Change the look of the Home and Lock screens with wallpaper. You can display a favorite picture or choose from preloaded wallpapers.

- 1. From a Home screen, pinch the screen.
 - or -

Touch and hold an empty space on the screen.

- Tap Wallpapers, and then choose Home screen, Lock screen, or Home and lock screens.
- Tap a wallpaper to see a sample, and then tap Set wallpaper.

Status Bar

The Status Bar at the top of the Home screen provides device information (such as network status, battery charge, and time) on the right side and notification alerts on the left.

Status Icons



Battery is fully charged.



Battery is low. The yellow area turns red as the charge level becomes critical.



Battery is charging.



Vibrate mode is enabled.



Mute mode is enabled.



The device is connected to a 4G LTE wireless network.



Signal strength.



Wi-Fi is active.



No wireless network is available.

Notification Icons	
K	Missed call.
6	Call in progress.
ÇII	Call is on hold.
60)	Call is using speakerphone.
> @	New email has arrived.
M	New Gmail has arrived.
(ao	New voicemail message has been received.
\succ	New text or multimedia message has arrived.
<u> </u>	Download of a file or app is in progress.

File is being uploaded or sent.

Notification Icons



Location service (GPS) is active.



App updates are available from the Google Play Store.



App updates are complete.



Keyboard is in use.



Connected to a computer using a USB cable.

Navigation and Motions

Touchscreen Navigation

Tap

Lightly tap items to select or launch them.

- Tap the on screen keyboard to enter characters or text.
- Tap an item to select it.
- Tap an app icon to launch the application.

Touch and Hold

Activate onscreen items by a touch and hold gesture.

- Touch and hold a widget on the Home screen to move it.
- Touch and hold a field to display a pop-up menu of options.

Swipe or Slide

To swipe, lightly drag your finger vertically or horizontally across the screen.

- Swipe the screen to unlock the device.
- Swipe the screen to scroll through the Home screens or menu options.

Drag

To drag, touch and hold on an item, and then move it to a new location.

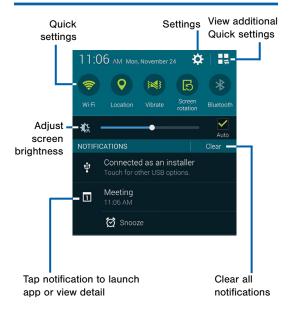
- Drag an app shortcut to add it to a Home screen.
- Drag a widget to a place it in a new location on a Home screen.

Pinch and Spread

Pinch the screen using your thumb and forefinger or spread by moving your fingers apart.

- Pinch the screen to zoom in while viewing a picture or a web page.
- Spread the screen to zoom out while taking a picture.

Notification Panel



Notification icons on the Status Bar display calendar events, device status, and more. For details about these icons, open the Notification Panel.

View the Notification Panel

- Swipe down on the Status Bar to display the Notification Panel.
- 2. Scroll down the list to see notification details.
 - Tap an item to open it.
 - To clear a single notification, drag the notification left or right. Tap Clear to clear all notifications.
- To close the Notification Panel, swipe upward from the bottom of the screen or tap the Back key.

Quick Settings

In addition to notifications, the Notification Panel also provides quick access to device functions such as Wi-Fi, allowing you to quickly turn them on or off.

To view additional Quick settings:

Swipe left or right across the visible icons.

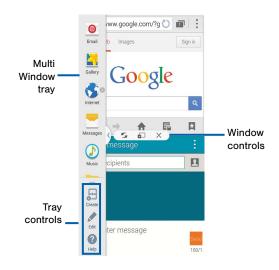
- or -

Tap 🔡 View all.

Notification Panel Settings

To customize the Notification Panel, see "Notification Panel" on page 193.

Multi Window



Multitask by using multiple applications at the same time.

Activate Multi Window

- From a Home screen, tap Apps > Settings > Multi window.
- Tap ON/OFF to activate.
 - Tap Open in multi window view to automatically view content in Multi window when you open files from My Files or Video player, or attachments from email.

Using Multi Window

After enabling Multi Window, you can use it to run multiple apps at the same time.

Note: Only apps located on the Multi Window tray can be used together. Additional Multi Window apps are available from the Google Play Store.

The apps display together on a split screen. You can switch between the apps, adjust the size of their display on the screen, and copy information from one app to the other

Tap the Multi window tab to display the tray, and then drag apps to the windows.

Window Controls

Select an application window and tap

Border button in the middle of the window border.

Control Buttons



Switch locations between Multi window applications.



Share items between the application windows. Drag an item to share from one window to another. Some applications may not support this feature.



Close the application.

Customize Multi Window

You can customize Multi window to suit your preferences.

Create a Window Group

If you use certain apps together in Multi window often, you can create a window group to quickly display the two apps in Multi window.

The window group will be stored in the Multi window tray, so you can choose it any time to display the two apps.

- Tap the Multi window tab to display the tray, and then drag apps to the windows.

Change the Order of Apps in the Multi Window Tray

- Tap the Multi window tab to display the tray.
- Tap an hold an app, drag it to a new position in the tray and then drop it.

Choose Apps to Display in the Multi Window Tray

You can choose the apps you want to display in the Multi window tray.

- 1. Tap the Multi window tab to display the tray.
- Tap Tray Controls > Edit for options:
 - To remove an app from the tray, tap and drag it off of the tray and place it in the storage area.
 - To add an app to the tray, tap and drag it from the storage area to the tray.
 - To relocate an app, tap and drag it to a new location.

Multi Window Settings

To customize Multi Window, see "Multi Window Settings" on page 192.

Entering Text

Using the Samsung Keyboard

Type your text input using a QWERTY keyboard.





Predictive Text

Predictive text suggest words matching your text entries, and, optionally, completes common words automatically. Predictive text can learn your personal writing style from your contacts, messages, email, and social networking sites—improving its accuracy of predicting your text entries.

Special Keys

Sym

Tap to insert numbers and symbols.

Touch and hold the Options key to:



Use Google Voice Typing.



Use your handwriting to enter text.



Access the clipboard.



Access keyboard settings.



Insert emoticons.



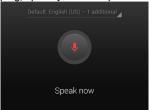
Change the layout of the keyboard.

Configure the Samsung Keyboard

To customize the Samsung Keyboard, see "Samsung Keyboard Settings" on page 219.

Using Google Voice Typing

Instead of typing, speak your text input.



To enable Google Voice Typing:

- From a Home screen, tap Apps > Settings > Language and input.
 - Tap the check box next to Google voice typing to enable this feature.
- On the Samsung Keyboard, tap Undoped Voice
 Typing. You may need to touch and hold the
 Options key (left of the Space key) to find it.
- Speak your text.

Configure Google Voice Typing

To customize Google Voice Typing, see

"Google Voice Typing Settings" on page 221.

Using Swype

Swype is a text input method that makes it possible to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words.



Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

- Touch the top of the screen and swipe downward to display the Notification Panel.
- 2. Touch Choose input method.
- Touch Swype.

Configure Swype

To customize Swype, see

"Swype Keyboard Settings" on page 220.

Calling

Make telephone calls using a variety of calling features and services.

Making and Answering Calls

Learn how to make or answer a call. Explore features and functionality associated with making or answering a call.

Make a Call

- From a Home screen, tap Phone.
- Enter a number and tap Dial.

Quickly Dial a Number from Your Contact List

- From a Home screen, tap **Apps** > ✓ Contacts.
- While viewing your contact list, swipe your finger across a contact to the right to call the contact.

Dial a Recent Number

All incoming, outgoing, and missed calls are recorded in the Call log. If the number or caller is listed in your contacts list, the associated name is also displayed.

- 1. From a Home screen, tap Phone.
- Tap the **Recent** tab. A list of recent calls is displayed.
- Tap a contact, and then tap \(\mathbb{Call}. \)

End a Call

When you are ready to end your call, tap
 End call.

Answer a Call

When a call is received the phone rings and displays the caller's phone number, or name if stored in the contacts list.

At the incoming call screen, either:

Touch and drag Answer in any direction to answer the call.

- or -

Touch and drag @ Reject in any direction to reject the call and send it to your voicemail.

Multitasking While on a Call

If you exit the call screen and return to a Home screen, your active call is indicated by an icon on the Status bar.

This lets you continue with your current call and do something else, such as access the contacts list, view a recent email, locate a picture, and so on.

To return to the call screen:

Tap the thumbnail to return to the call screen.

To end a call from any application:

Swipe the Status bar downward to reveal the Notification Panel, and then tap End.

Options During a Call

Your phone provides a number of functions that you can use during a call.

Adjusting the Call Volume

- Press the Volume Key to increase or decrease the volume.
 - or –

Quickly add more volume to the incoming audio by tapping **More options > Extra volume**.

Listen with the Speaker or Bluetooth Headset

Listen to the call using the speaker or through a Bluetooth headset (not included).

- Tap Speaker to hear the caller using the speaker.
 - or -

Tap **Bluetooth** to use a Bluetooth headset (not included).

Personalize the Call Sound Setting

Adjust the sound by using an audio equalizer.

From the currently active call, tap More options > Personalize call sound.

Place a New Call While in a Call

If your service plan supports this feature, you can make another call while a call is in progress.

- From the active call, tap Add call to dial the second call. The first call is displayed as a thumbnail.
- Dial the new number and tap Dial.
 - Tap Swap to switch between the two calls.
 - Tap Merge to hear both callers at once (multi conferencing).

Call Waiting

If your service plan supports this feature, you can answer an incoming call while you have a call in progress. You are notified of an incoming call by a call waiting tone.

To answer a new call while you have a call in progress:

- 2. Tap an option:
 - Putting xxx on hold to place the previous caller on hold while you answer the new incoming call.
 - Ending call with xxx to end the previous call and answer the new call.
- Tap the previous On hold number entry and select Swap to switch between the two calls. This places the new caller on hold and activates the previous call.

Call Log

The numbers of the calls you have dialed, received, or missed are stored in the Call log.

- From a Home screen, tap Phone.
- Tap the Recent tab. A list of recent calls is displayed. If the caller is in your contacts list, the caller's name is displayed.

Save a Recent Call to Your Contacts List

- 1. From a Home screen, tap Phone > Recent tab.
- Tap the call that contains the information that you want to save to your contacts list.
- Tap Create contact.

- or -

If you want to replace the number for an existing contact, tap **Update existing**.

Delete a Call from the Call Log

- 1. From a Home screen, tap Phone > Recent tab.
- Touch and hold the call you want to delete from the Call log.
- 3. Tap Toelete.

Add a Call to the Reject List

By adding a caller to your Reject list, future calls from this number will be sent directly to your voicemail.

- From a Home screen, tap Phone > Recent tab.
- Touch and hold the caller you want to add to the Reject list.
- Tap More options > Add to Auto reject list.

Make a Call Using Speed Dial

You can assign a shortcut number to a contact for speed dialing their default number.

To make a call using Speed Dial:

- From a Home screen, tap Phone > Keypad.
- 2. Touch and hold the speed dial number.
 - If the speed dial number is more than 1 digit long, enter the first digits, then hold the last digit.

Create a Speed Dial

- Tap More options > Speed dial. The Speed dial screen displays showing the numbers 1 through 100. Number 1 is reserved for voicemail.
- 3. Tap an unused number. A list of contacts displays.
- Tap a contact to assign to the number. The selected contact displays in the speed dial number box.

To remove a Speed Dial number assignment:

► Tap X Remove.

Make an Emergency Call

The Emergency calling mode makes redialing an emergency number a one-tap process.

Note: This mode can drain your battery power more rapidly than normal calling mode.

Make an Emergency Call without a SIM Card

Without a SIM card, you can only make an emergency call with the phone; normal cell phone service is not available.

- 1. From the Lock screen, tap Emergency call.
- Enter 911 and tap Dial.
- Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
- Tap End call.

Make an Emergency Call with a SIM Card

- 1. From a Home screen, tap **Phone**.

Call Settings

To access the Call settings menu:

► From a Home screen, tap Phone > More options > Settings > Call.

```
- or -
```

From a Home screen, tap **Apps** > **Settings**

> Call.

Applications

The Apps screen displays all applications installed on your device, both preloaded apps and apps you download and install yourself.

Learn how to change the way apps appear, organize apps into folders, and uninstall or disable apps.

Apps Screen

The Apps screen shows all preloaded apps and apps that you downloaded. You can uninstall, disable, or hide apps from view.

Shortcuts to apps can be placed on any of the Home screens. For more information, see "Add a Shortcut to a Home Screen" on page 22.

Accessing Applications

- From a Home screen, tap Apps.
- 2. Tap an application's icon to launch it.
- To return to the main Home screen, press the Home key.

Download and Install New Apps

Find new apps to download and install on your device:

 Play Store: Download new apps from the Google Play Store. Visit <u>play.google.com/store/apps</u> to learn more.

Uninstall or Disable Apps

You can uninstall or disable apps you download and install.

- Preloaded apps cannot be uninstalled.
- Apps that are disabled are turned off and hidden from view.
- 1. From a Home screen, tap Apps.
- Tap More options > Uninstall/disable apps.
 Apps that can be uninstalled show Delete on their icon.
- Tap Delete and follow the prompts to either uninstall or disable the app.

Organize Your Apps

The Apps icons can be organized in folders and listed alphabetically or in your own custom order.

Change the Order Apps Are Listed

- From a Home screen, tap Apps.
- 2. Tap More options > View as.
- Tap an option:
 - Custom: Allows you to touch and hold on apps to move them from screen to screen.
 - Alphabetical order: Apps are arranged in a grid, in A-Z order.

Use Folders to Organize Apps

- 1. From a Home screen, tap Apps.
- 2. Tap More options > Create folder.
- 3. Enter a folder name.
- Tap Add, select apps to include in the folder, and then tap Done.
- 5. Touch a folder to view its apps.
 - Touch an app to launch it.
 - Touch More options to select a background color for the folder.

Hiding and Showing Apps

Hide Apps from View

You can hide (rather than uninstall or disable) any apps you do not want to see on the Apps screen.

- 1. From a Home screen, tap Apps.
- 2. Tap More options > Hide apps.
- 3. Tap apps to hide, and then tap Done.

Show Hidden Apps

You can unhide apps you have hidden and put them back on the Apps screen.

- From a Home screen, tap Apps.
- 2. Tap | More options > Show hidden apps.
- 3. Tap apps to unhide, and then tap **Done**.

Apps Screen Options

- From a Home screen, tap Apps.
- 2. Tap More options for these options:
 - Edit: Touch and hold an app icon then drag it to:
 - Create folder to create a new folder.
 - i App info to view information about this app.
 - In Disable/Delete to remove the app
 - Create folder: Create a new folder to hold the app icon.
 - View as: Configure the Apps screen.
 - Downloaded apps: View downloaded applications.
 - Uninstall/disable apps: Uninstall an app that you downloaded to your device, or disable a preloaded app (preloaded apps cannot be uninstalled). Touch Delete to remove or disable the selected app.

- Hide apps: Hide apps from the Apps screen.
- Show disabled apps: Display disabled apps.
- Show hidden apps: Display hidden apps.
- GALAXY Essentials: Galaxy GALAXY is a collection of specially chosen applications available through Samsung Apps. From GALAXY Essentials, you can access and download a collection of premium content, free of charge
- Help: View information about your device.

Google Applications

Enjoy these applications from Google.

Note: Certain applications require a Google account. Visit google.com to learn more.



Chrome

Use Google Chrome to browse the Internet and bring your open tabs, bookmarks and address bar data from your computer to your mobile device.



Drive

Open, view, rename, and share your Google Docs and files.



Gmail

Send and receive email with Gmail, Google's web-based email service.

Google

Search not only the Internet, but also the apps and contents of your device.

Google Now

Google Now works in the background to collect information you regularly look up and organize it into convenient cards that appear when you need them.

Press and hold the Home key.

Note: When Google Now is enabled, you can also access it by touching 8.



Google Settings

Quickly and easily change Google app settings to suit your preferences.

Note: You must be signed in to the application you want to configure. For example, sign in to Google+ to configure Google+ settings.



Google+

Stay connected and share with Google+. Chat with friends and family, post photos, and see what others are sharing.



Hangouts

Hangouts is an online place to meet friends and family, share photos, and host video calls. Conversation logs are automatically saved to a Chats area in your Gmail account.



Maps

Use Google Maps to find your current location, get directions, and other location-based information.

Note: You must enable location services to use Maps. Please see "Location Services" on page 158.



Photos

This application automatically backs up your photos and videos to your Google+ account.



Play Books

With Google Play Books, you can find millions of free e-books and hundreds of thousands more to buy in the eBookstore.



Play Games

Discover hundreds of games for download and purchase through the Google Play Store



Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you are not connected to the Internet. You can also view videos saved on your device.



Play Music

With Google Play Music, you can play music and audio files on your device.



Play Newsstand

Subscribe to your favorite magazines to read on your device at your leisure.



Play Store

Find new apps, movies and TV shows, music, books, magazines, and games in Google Play Store.



Voice Search

Use voice commands to search the web with Google.



YouTube

View and upload YouTube videos right from your device

Other Applications



Bloomberg+

Read Bloomberg+ weekly for all the content of the print edition of the magazine along with exclusive content and interactive features that enrich the reading experience.



Flipboard

Use this application to access your personalized magazines.



Gear Manager

Connect to and manager you Galaxy Gear. For more information, see your Galaxy Gear User Manual.



Polaris Office 5

Polaris Office 5 is a Microsoft Officecompatible office suite for managing your documents online or offline. It can also open Adobe PDF (Portable Document Format) files.

Calculator

The Calculator provides basic and advanced arithmetic functions.

Basic Operation

- 2. Enter the first number using the numeric keys.
- 3. Tap the appropriate arithmetic function key.
- 4. Enter the next number.
- 5. To view the result, tap the = (Equals) key.

Additional Functions

To clear the results:

► Tap C Clear.

To clear the calculator history:

► Tap ∨ Expand > Clear history.

To copy all or part of the calculation to the clipboard:

► Touch and hold an entry in the display field.

Scientific Calculator

Turn the device landscape to use advanced arithmetic functions, such as sin, cos, and tan.

Calendar

Manage your events and tasks.

Create an Event or Task

- 1. From a Home screen, tap Apps > 31 Calendar.
- Tap + Add and use one of the following methods:
 - Event: Enter an event with an optional repeat setting.
 - Task: Enter a task with an optional priority setting.
- Enter details for the event or task, and then tap Save.

Delete an Event or Task

- From a Home screen, tap Apps > 31 Calendar.
- 2. Tap to view an event or task. Tap in Delete.
 - or -

To delete multiple events or tasks, tap

More options > Delete, select events or tasks, and then tap Done.

Sharing Events

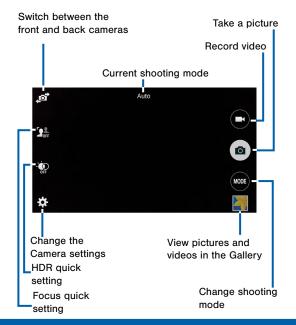
- From a Home screen, tap Apps > 31 Calendar.
- 2. Tap to view an event or task.

Calendar Settings

These settings allow you to modify settings associated with using the Calendar.

- 1. From a Home screen, tap Apps > 31 Calendar.
- Tap More options > Settings.
- 3. Tap an option and follow the prompts.

Camera and Video



Taking Pictures

Take pictures with your device's front or back camera, or combine shots with Dual mode.

- 1. From a Home screen, tap Apps > Camera.
- Using the display screen as a viewfinder, compose your shot by aiming the camera at the subject.
 While composing your picture, use the onscreen options or these gestures:
 - Touch the screen with two fingers and pinch or spread them on the screen to zoom in and out.
 - Tap the screen to focus on the area you touched.
- 3. Tap (a) to take the picture.

Note: You can also press the **Volume** key up or down to take a picture. This is the default action of the Volume key. You can also set the Volume key to act as the video record key or as a zoom key.

Shooting Mode

Several visual effects are available. Some modes are not available when taking self-portraits.

- 1. From a Home screen, tap Apps > Camera.
- Tap MODE, and then scroll through the options:
 - Auto: Allow the camera to evaluate the surroundings and determine the ideal mode for the picture.
 - Beauty face: Take a picture with lightened faces for gentler images.
 - Shot & more: Take a quick burst of pictures and apply effects to them.
 - Panorama: Create a linear image by taking pictures in either a horizontal or vertical direction.
 - Virtual tour: Create interactive virtual tours of your surroundings.
 - Dual camera: Take pictures and record videos using the front and rear cameras at the same time. A variety of picture-in-picture styles are available.
 - Manage modes: Select which shooting modes to display when you tap MODE.

Download: Download additional shooting modes.

Camera Settings

- 1. From a Home screen, tap Apps > Camera.
- Tap Settings to configure settings for Camera. Available options vary depending on the camera/ recording mode used.
 - Picture size: Select a resolution. Use higher resolution for higher quality. Higher resolution pictures take up more memory.
 - Burst shot: Take a series of pictures of moving subjects.
 - Picture stabilization: Activate anti-shake.
 Anti-shake helps to keep the focus steady when the camera is moving.
 - Face detection: Detect faces in pictures for tagging with the person's name.
 - ISO: Select an ISO value. This controls camera light sensitivity. It is measured in film-camera equivalents. Low values are for stationary or brightly-lit objects. Higher values are for fastmoving or poorly-lit objects.

- Metering modes: Select a metering method.
 This determines how light values are calculated.
 Center-weighted measures background light in the center of the scene. Spot measures the light value at a specific location. Matrix averages the entire scene.
- Tap to take pics: Tap the image on the preview screen to take pictures.
- Selective focus: Make objects stand out from the background. They must be within 1.5 feet from you, and at least 3 times this distance from the background.
- Video size: Select a resolution. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- Recording mode: Select Normal, Limit for email, or Fast motion mode.
- Video stabilization: Activate anti-shake. Antishake helps to keep the focus steady when the camera is moving.
- Audio zoom: While recording videos, zooming in on an object will amplify sound from that area and diminish the surrounding sound.
- Effects: Add special graphical effects.

- Flash: Activate or deactivate the flash.
- Timer: Take time-delayed pictures or videos.
- HDR (rich tone): Save the picture in HDR (rich tone) only.
- Location tags: Attach a GPS location tag to the picture.
- Storage location: Select the memory location for storage.
- Review pics/videos: Set to show pictures or videos after taking them.
- Remote viewfinder: Take pictures using the viewfinder of a connected device. Wi-Fi Direct is required.
- White balance: Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.
- Exposure value: Change the exposure value.
 This determines how much light the camera's sensor receives. For low light situations, use a higher exposure.

- Grid lines: Display viewfinder grid lines to help composition when selecting subjects.
- Shutter sound: When capturing a photo the camera will make a sound.
- Volume key: Use the Volume key as the camera key, the record key, or as a zoom key.
- Voice control: Set the camera to take pictures with voice commands.
- Help: View information on using the camera.
- Reset settings: Reset the camera settings.
- Save as flipped: Save the self-portrait or self-recording as a reversed (or 'mirrored') image.

Clock

The Clock app offers features for keeping track of time and setting alarms.

- From a Home screen, tap
 — Apps >
 Clock.
- 2. Tap a tab to use a feature:
 - Alarm: This feature allows you to set an alarm to ring at a specific time.
 - World clock: View the time of day or night in other parts of the world. World Clock displays time in hundreds of different cities, within all 24 time zones around the world.
 - Stopwatch: You can use this option to measure intervals of time.
 - Timer: You can use this option to set a countdown timer. Use a timer to count down to an event based on a preset time length (hours, minutes, and seconds).

Create an Alarm

Create an alarm event. You can set one-time or recurring alarms, and choose options for how to be notified.

- From a Home screen, tap Apps > ♥ Clock.
- Tap + Create alarm to configure:
 - Time: Choose a time for the alarm.
 - Days: Choose the days to use this alarm.
 - Repeat weekly: When enabled, the alarm repeats every week.
 - Alarm type: Choose whether the alarm will use sound, vibration, or vibration and sound to alert you.
 - Alarm tone: If you have chosen an alarm type that includes sound, choose a sound to play for the alarm.

- Volume: If you have chosen an alarm type that includes sound, drag the slider to set the volume of the alarm.
- Snooze: Allow snoozing, and set interval and repeat values for the alarm while snoozing.
- Smart alarm: When on, the alarm will start
 playing a tone at a low volume at an interval
 before the alarm time, and slowly increase in
 volume. Choose a time interval and a tone to
 use with smart alarm. Available when you have
 chosen an alarm type that includes sound.
 - Name: Enter a name for the alarm.
- 3. Tap Save.

Delete an Alarm

- From a Home screen, tap Apps > ♥ Clock.
- Touch and hold an alarm, and then tap Delete.

Contacts

Store and manage your contacts with the Contacts app, which can be synchronized with a variety of your existing personal accounts, including Google, Email, Facebook, and your Samsung account.

For more information on connecting with and managing your accounts through your device, see "Accounts" on page 213.

Contacts

Access your list of contacts by using the Contacts app, which is a shortcut to the Contacts tab.

To access your Contacts list:

► From a Home screen, tap **Apps** > 【 Contacts.

Finding a Contact

You can search for a contact or scroll the list to find one by name.

- From a Home screen, tap Apps > L Contacts.
- Tap the Search field, and then enter characters to find contacts that match.

- or -

Tap a letter on the side of the list to jump directly to that letter in the alphabetical list. You can also press and slide across the alphabetical list to select a letter with better precision.

Add a Contact

Use the following procedure to add a new contact.

- From a Home screen, tap Apps > L Contacts.
- Tap + Create contact, and then tap contact fields to enter information.
 - Choose a storage account for the contact. You can store the contact on the device, your SIM card, or sync it with an account.
 - Tap Photo to assign a picture to the new contact.

- Enter a name, phone number, email address, and assign the contact to a group. Tap
 Add another field to add additional contact information.
 - Tap + Add to enter additional entries.
 - Tap Delete to remove an entry.
 - Tap Expand for additional fields.
 - Tap ___ Label to choose a label for the field.

Tap Save.

Edit a Contact

When editing a contact, you can tap a field and change or delete the information, or you can add additional fields to the contact's list of information.

- From a Home screen, tap Apps > 【 Contacts.
- Tap the contact to display it, and then tap Fdit.
- Tap any of the fields to add, change, or delete information.
- Tap Save.

Share a Name Card

When you share a name card, the contact's information is sent as a vCard file (.vcf). You can share a vCard via Bluetooth or Wi-Fi Direct, attach it to a message, or save it to a storage location.

- From a Home screen, tap Apps > 【 Contacts.
- Tap a contact to display it, and then tap
 More options > Share name card.
- Choose a sharing method and follow the prompts.

Save a Business Card as a Contact

- From a Home screen, tap Apps > L Contacts.
- When the camera opens, center the business card in the guidelines on the screen. If the Camera can recognize the business card, it will take the picture automatically, or you can take the picture manually.
- Your device analyzes the picture of the business card to create a new contact. You can also add more information to the contact.
- Tap Save. The business card is displayed as the picture for the contact.

Note: You can view all your business cards by tapping

More options > Business cards.

Link Contacts

When you have contacts from various sources (Gmail, Facebook, and so on), you may have multiple similar entries for a single contact. Contacts lets you link multiple entries into a single contact.

- From a Home screen, tap Apps > L Contacts.
- 2. Tap the contact to display it, and then tap @ Link.
- Tap Link another contact, and then select contact(s) to link to the original contact.
- Tap Done.

Unlink Contacts

- From a Home screen, tap **Apps** > Contacts.
- Tap the contact to display it, and then tap Link.
- Tap Remove beside contacts to unlink them from the main contact.

Delete Contacts

You can delete a single contact or choose multiple contacts to delete.

- From a Home screen, tap Apps > 【 Contacts.
- Touch and hold a contact to select it. You can also tap other contacts, or choose

 Select all.
- Tap Delete.

Favorites

When you mark contacts as favorites, they are easily accessible from other apps. Favorites display together on the Favorites tab in Contacts.

Mark Contacts as Favorites

- From a Home screen, tap Apps > 【 Contacts.
- Tap a contact to display it, and then tap * Favorite (the star turns gold *).

Remove Contacts from Favorites

- From a Home screen, tap Apps > Contacts.
- Tap the Favorites tab, and then touch and hold a contact to select it. You can also tap other contacts, or choose Select all.
- Tap <u>iii</u> Delete.

Create a Shortcut to a Favorite

You can create a shortcut to a favorite on the home screen, to access their information directly from the home screen.

- From a Home screen, tap Apps > 【 Contacts.
- Tap the Favorites tab, and then touch and hold a contact to select it.
- Tap More options > Add shortcut to home screen. The new shortcut displays in an empty area of the home screen.

Groups

You can use groups to organize your contacts. Your device comes with preloaded groups, and you can create your own. You might create a group for your family, for coworkers, or a team. Groups make it easy to find contacts, and you can send messages to the members of a group.

Create a Group

- From a Home screen, tap
 — Apps > Contacts.
- Tap Groups, and then tap + Create group.
- 3. Tap fields to enter information about the group:
 - Tap Create group in <location> to choose where to save the group. You can save it to a specific account, to the device memory, or to all accounts.
 - Tap Group name to enter a name for the new group.
 - Tap Group ringtone, Group message tone, and Group vibration pattern to select a setting.
- Tap Add member and select contact(s) to add to the new group, and then tap Done.
- Tap Save.

Rename a Group

- Tap Groups, and then tap a group.
- Tap More options > Edit group and enter a new name.
- Tap Save.

Add Contacts to a Group

- From a Home screen, tap Apps > 【 Contacts.
- Tap A Groups, and then tap a group.
- Tap + Add, and then tap the contact(s) you want to add.
- 4. Tap Done.

Send an Email to a Group

You can send an email to members of a group.

- From a Home screen, tap Apps > L Contacts.
- Tap Groups, and then tap a group.
- 3. Tap | More options > Send message or email.
- Tap contacts to select them, or tap Select all, and then tap Done. (You will only see group members that have email addresses in their contact records.)
- Choose an account and follow the prompts.

Delete a Group

Preset groups, such as Family, cannot be deleted.

- From a Home screen, tap Apps > 【 Contacts.
- Tap Groups.
- Tap More options > Delete group.
- Select groups to delete and tap **Done**.

Contact Settings

These settings allow you to modify settings associated with using the Contacts app.

- From a Home screen, tap Apps > 【 Contacts.
- 3. Tap an option and follow the onscreen instructions.

Email

Use the Email app to view and manage all your email accounts in one application.

To access Email:

► From a Home screen, tap **Apps** > **■ Email**.

Configuring Email Accounts

You can configure Email for most accounts in just a few steps.

- 1. From a Home screen, tap Apps > From a Home screen, tap
- Follow the onscreen instructions to set up your email account.

– or –

For additional accounts, tap More options > Settings > Manage accounts > Add account.

The device communicates with the appropriate server to set up your account and synchronize your email. When complete, your email appears in the Inbox for the account.

Note: To configure email account settings at any time, tap

More options > Settings. Tap the account to display
Account settings.

Refreshing Your Email Account

Refresh your account to update your email accounts.

- 1. From a Home screen, tap Apps > From a Home screen, tap
- Tap Refresh.

Managing Your Email Accounts

You can view email you receive for all accounts on the Combined view screen or you can view email accounts individually.

- 1. From a Home screen, tap Apps > From a Home screen, tap
- Tap Menu at the top left of the screen to select:
 - Combined view: View all email in a combined inbox.
 - <Account Name>: View email for only this account.

Deleting Email Accounts

To delete an Email account:

- 1. From a Home screen, tap Apps > 10 Email.
- Tap More options > Settings > Manage accounts.
- Tap More options > Delete account, select the account you want to delete, and then tap Done.

Email Settings

These settings allow you to modify settings associated with using the Email app.

- 1. From a Home screen, tap Apps > From a Home screen, tap
- Tap

 ¶ More options > Settings.
- 3. Tap an option and follow the onscreen instructions.

GALAXY Apps

Samsung GALAXY Apps is a free storefront that provides a quick and easy way to find and download apps that are compatible with your Galaxy device.

GALAXY Essentials is a collection of specially chosen applications available through Samsung Apps.

From GALAXY Essentials, you can access and download a collection of premium content, free of charge.

To access GALAXY Essentials:

- Swipe across the Home screens and locate and tap the GALAXY Essentials widget.
- Follow the onscreen instructions to download GALAXY Essentials apps specially chosen from Samsung Apps.

Note: A Samsung account is required to purchase and download apps.

Gallery

View, edit, and manage pictures and videos.

View Images and Videos

Launching Gallery displays available folders. When another application, such as Email, saves an image, a Download folder is automatically created to contain the image. Likewise, capturing a screenshot automatically creates a Screenshots folder.

- 1. From a Home screen, tap Apps > Gallery.
- Tap Menu, and then tap Time or Album to choose the way items display.
- Tap Menu > Album, and then tap More options
 Create album to create a new album.
- Tap a folder to open it.
- Tap an image or video to view it in full screen. Scroll left or right to view the next or previous image or video.

Zoom In and Out

Use one of the following methods to zoom in or out on an image:

- Double-tap anywhere on the screen to zoom in or zoom out.
- Spread two fingers apart anywhere on the screen to zoom in. Pinch the screen to zoom out.

Playing Videos

- 1. From a Home screen, tap Apps > Gallery.
- 2. Tap a folder to open it.
- 3. Tap a video to view it.

Trimming Segments of a Video

- Select a video, and then tap
 \(\lambda \) Trim.
- Use the sliders at the bottom of the screen to trim the video. Move the start bracket to the desired starting point and move the end bracket to the desired ending point.
- 3. Tap Done to save the video.

Editing Images

- While viewing an image, tap More options:
 - Edit: Use basic tools to edit your picture.
 - More info: View image details.
 - Copy to clipboard: Place a copy on the clipboard.
 - Studio: Edit your picture with advanced tools.
 - Rotate left: Rotate the picture counter-clockwise.
 - Rotate right: Rotate the picture clockwise.
 - Crop: Resize the frame to crop the image.
 - Rename: Rename the file.
 - Slideshow: Start a slideshow with the images and videos in the current folder.
 - Set as: Set the image as wallpaper or as a contact's photo.
 - Print: Print the image via a USB or Wi-Fi connection. Some printers may not be compatible with the device.
 - Settings: Change the Gallery settings.

Deleting Images

- 1. From a Home screen, tap Apps > Gallery.
- 2. Tap a folder to open it.
- In a folder, tap More options > Delete, select images, and then tap Done.

- or -

When viewing a single image, tap ii Delete.

Sharing Images

Use one of the following methods:

- 2. Tap a folder to open it.
- In a folder, tap More options > Select, select images, and then tap have so send them to others or share them via social network services.

```
– or –
```

When viewing a single image, tap < Share via to send it to others or share it via social network services.

Gallery Settings

These settings allow you to modify settings associated with using your Gallery.

- 1. From a Home screen, tap Apps > Gallery.
- Tap More options > Settings.
- 3. Tap an option and follow the onscreen instructions.
- Tap More options > Add account to add a Samsung, Google, or Facebook account.

Internet

Access the Internet with a fully featured web browser.

Access the Internet

From a Home screen, tap Apps > Internet.

Command Keys

The following command keys are available:

- Back or Sack key to return to the previous page.
- Forward to go forward to a recent page.
- **Home** to display your Internet Home screen.
- Characteristic Refresh to reload the current page.

Viewing a Web Site

To view a web site:

Tap the address field, enter the web address, and then tap Go.

To share, save, or print the current web page:

► Tap More options.

To zoom in or out:

Tap the screen twice or pinch the screen to zoom out and stretch the screen to zoom in.

Browser Tabs

Use windows to view multiple web pages at the same time.

To open a new window:

► Tap More options > New window.

To close a tab:

► Tap X Close.

Bookmarks

To bookmark the current web page:

► Tap Bookmarks > Add.

To open a bookmarked web page:

► Tap 🖫 Bookmarks and tap an entry.

History

To view a list of recently visited web pages:

Tap Bookmarks > History tab.

Saved Pages

To save a web page:

► Tap More options > Save page.

To view a list of saved web pages:

► Tap Saved pages.

Sharing Pages

To share a web page address with others:

Tap More options > Share via and follow the prompts.

Incognito Tabs

Pages viewed with incognito tabs do not appear within your browser history or search history, and leave no traces (such as cookies) on your device.

Incognito tabs display 💂 Incognito on their tab.

Note: Any downloaded files will remain on your device after you close the incognito tab.

To open a new incognito tab:

- Tap More options > Incognito mode.
- Tap | More options > New Incognito window.

Internet Settings

These settings allow you to modify settings associated with using the Internet app.

- From a Home screen, tap Apps > Internet.
- Tap More options > Settings.
- Tap an option and follow the onscreen instructions.

Memo

Use this application to record important information to save and view at a later time.

► From a Home screen, tap **Apps** > **Memo**.

Composing a Memos

The following options are available while composing a memo:

- Tap + Create memo, enter a memo, and then tap Save.
- To change the category, tap Add category.
- To insert an image into the memo, tap
 Insert image.
- To use your voice to insert text into the memo, tap
 Record.

Browsing Memos

- Browse memo thumbnails by scrolling up or down.
- To edit a memo, touch a memo thumbnail, and then tap the content of the memo.
- To search for a memo, tap Q Search.

Managing the Category List

To edit the category list:

Tap = > Manage categories.

Memo Options

To delete memos:

► Tap **More options** > **Delete**.

To change the sync settings:

► Tap More options > Account.

Viewing a Memo

- Touch the memo thumbnail to open it.
 - To edit the memo, touch the content of the memo.
 - To delete the memo, touch More options > Delete.
 - To send the memo to others, touch
 More options > Share via.

Messages

Learn how to send and receive different messages using the default messaging app on your phone.

Types of Messages

Your default Messaging app provides the following message types:

- Text Messages (SMS)
- Multimedia Messages (MMS)

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type.

Creating and Sending Messages

This section describes how to create a send a message using the Messaging app.

- Tap the Enter recipients field to manually enter a recipient or tap Add Recipient to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
- If adding a recipient from your Contacts, tap the contact to place a check mark then tap **Done**. The contact will be placed in the recipients field.
- Enter additional recipients by separating each entry with a semicolon (;) and then using the previous procedure. More recipients can be added at any time before the message is sent.
 - For the Group option, if the number of recipients is less than 10, all members in the group will be added. You will need to delete any unnecessary members in the list by selecting the trash can icon and deleting unwanted entries.
- Tap the Enter message field and use the onscreen keypad to enter a message.

- Tap Add emoticons to choose an available emoticon from an onscreen list and then add it into your message (at the cursor location) if desired.
- 7. Review your message and tap Send.

Note: If you exit a message before you send it, the message is automatically saved as a draft.

Viewing New Messages

When you receive a new message, a new message icon appears on the Status Bar.

To view the message:

 Open the Notification Panel and select the message. For more information, please see "Notification Panel" on page 32.

- or -

From a Home screen, tap Messages, and then tap the new message to view it.

- To play a multimedia message (audio or video), tap
 Play.
- 3. To scroll through the list of messages, tap the screen and scroll up or down the page.

Deleting Messages

To delete messages, follow these steps:

- From a Home screen, tap Messages.
- Tap More options > Delete.
- Tap each message you want to delete or tap Select all.
- Tap Done.

Message Search

- You can search through your messages by using the Message Search feature.
- 2. From a Home screen, tap Messages.
- Tap Q Search.
- Enter a word or phrase to search for, and then tap
 Search on the keyboard.

Messaging Settings

Configure the settings for text messages, multimedia messages, push messages, and so on.

- From a Home screen, tap Apps > Messages > More options > Settings.
- 2. Tap an option and follow the onscreen instructions.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

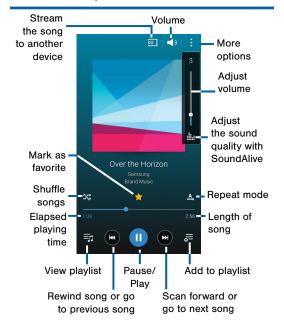
- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Users may choose not to receive Imminent Threats (Extreme and Severe) and AMBER Alerts. Alerts issued by the President cannot be disabled.

To disable Imminent Threats and AMBER Alerts, follow the instructions below:

- From a Home screen, tap Messages.
- Tap More options > Settings > Emergency alerts > Emergency alerts.
- All alerts are enabled by default (check mark showing). Tap an alert option to disable it.

Music Player



Listen to your favorite songs with the Music player. Navigate through your music library, play songs, and create customized playlists.

Listen to Music

- 1. From a Home screen, tap Apps > D Music.
- Tap a library category at the top of the screen to view your music files.
- Scroll through the list of songs and tap an entry to begin playback.

My Files

Access files stored on your device, including images, videos, songs, and sound clips.

View Files

- From a Home screen, tap Apps > My Files.
- Select a group, and then tap a file or folder to open it.

Group Options

- After selecting a group, tap More options for options:
 - Select: Select files or folders.
 - Delete: Delete files or folders.
 - View as: Sort files in a list, detailed list, or grid.
 - Sort by: Sort files or folders.
 - Settings: Customize options

File Options

▶ Tap More options > Select, select a file or folder, and then use one of these functions:



Share via: Send files to others or share them.



Delete: Delete files or folders.

Tap | More options for additional options:

- Move: Move files or folders to another folder.
- Copy: Copy files or folders to another folder.
- Rename: Rename a file or folder.
- Details: View file or folder details.

Additional Functions

The following functions are available:

- Tap Q Search, and then enter search criteria.
- Tap Storage usage to view memory information for your device and memory card (not included).

Add Shortcuts to Folders

Add a shortcut to frequently-used folders in Favorite folders.

 Select a folder and tap More options > Add shortcut.

S Health

Use S Health to plan, track, and manage your health goals and activities, including exercise, sleep, and meals.

- From Home, tap Apps > S Health.
- 2. Read and accept the terms and conditions.
- 3. Set up your health profile and goals.

Before You Start Exercising

This app can be used to monitor your exercise. While moderate physical activity, such as brisk walking, is safe for most people, health experts suggest that you talk with your doctor before you start an exercise program, particularly if you have any of the following conditions:

- Heart disease:
- Asthma or lung disease;
- Diabetes, or liver or kidney disease;
 - Arthritis.

You should also check with your doctor if you have symptoms suggestive of heart, lung, or other serious disease, such as:

- Pain or discomfort in your chest, neck, jaw, or arms during physical activity;
- Dizziness or loss of consciousness;
- Shortness of breath with mild exertion or at rest, or when lying down or going to bed;
- · Ankle swelling, especially at night;
- A heart murmur or a rapid or pronounced heartbeat;
- Muscle pain when walking upstairs or up a hill that goes away when you rest.

Finally, the American College of Sports Medicine recommends that you see your doctor before engaging in vigorous exercise if two or more of the following apply:

- You are a man older than age 45 or a woman older than age 55;
- You have a family history of heart disease before age 55;
- You smoke or quit smoking in the past six months;
- You have not exercised for three months or more;
- You are overweight or obese;

- You have high blood pressure or high cholesterol.
- You have impaired glucose tolerance, also called pre-diabetes.

When in Doubt - Check It Out

If you are unsure of your health status, have several health problems, or are pregnant, you should speak with your doctor before starting a new exercise program. Working with your doctor ahead of time is a good way to plan an exercise program that is right and safe for you. Consider it the first step on your path to physical fitness.

S Voice

Speak commands to perform operations on your device, and to speak criteria for searches and other operations.

Use S Voice to find everything from directions to trivia answers to the current weather forecast.

- From a Home screen, tap Apps > S Voice.
- Speak a command.
- Tap the microphone icon, if the device does not hear you, or to give it another command.

Tip: Tap **More options** for example commands and to view a tutorial.

S Voice Settings

These settings allow you to modify settings associated with using the Internet app.

- From a Home screen, tap Apps > S Voice.
- Tap

 ¶ More options > Settings.
- 3. Tap an option and follow the onscreen instructions.

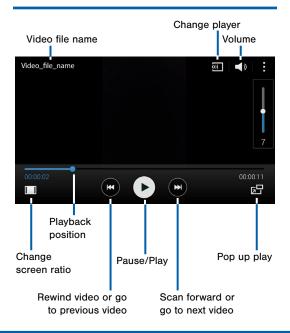
Smart Remote

Smart Remote lets you control select Wi-Fi-enabled Samsung TV models using your Samsung Galaxy device.

Now you can control all of your TV's settings, such as ON/OFF function, channel navigation, and volume control from the same Samsung device you already know.

- From a Home screen, tap Apps > Smart Remote.
- Follow the onscreen instructions to set up and configure your entertainment equipment.

Video



Play and manage videos stored on your device.

To access video:

- Scroll through the videos stored on your device. After a few seconds, each video thumbnail begins playing a preview of the clip.
- 3. Tap a video to view it.

Use Pop-Up Play

Multi task with Pop-Up Play—transform your video player into a pop-up window. The video will continue to play, and the pop-up window can be resized or moved anywhere on the screen.

- From a Home screen, tap Apps > Video.
- 2. Tap a video to view it.
- Tap to continue playing the video in a floating window.
 - Drag the window to any location on the screen.
 - Use two fingers to pinch or spread to resize the floating window.

Voice Recorder

Record voice memos and notes.

Create a Voice Recording

- From a Home screen, tap Apps >
 - Voice Recorder.
 - Tap Select mode to choose the appropriate recording mode.
 - Tap
 Record to record an audio file.
 - Tap Stop to stop recording. The file is automatically saved.

 - Tap Cancel to cancel the recording of an audio file.

View Recordings

- 1. From a Home screen, tap Apps >
 - Voice Recorder.
- Tap <u>List</u> to display a list of recordings.
 - Tap Q Search to search through available recordings.
 - Tap in Delete to delete one or more voice recordings.
 - Tap More options:
 - Select: Choose desired recordings.
 - Sort by: Sort the list of recordings.
 - Filter by category: Filter entries by category.
 - Edit categories: Add and edit categories
 - Settings: Configure Voice Recorder.

Settings

Configure your device's connections and settings, add accounts, and customize the home screen, apps, and features.

- Some options use an ON/OFF button to turn the option on () or off ().
- For some options, you must tap a field, such as Email address, to display and set options.
- Some options are enabled or disabled by tapping a
 — checkbox. When enabled, a check mark displays.
 Tap the check mark to remove it and disable the option.

Settings 138

How to Use Settings

Accessing Settings

▶ From a Home screen, tap Apps > ♠ Settings.

- or -

From a Home screen, drag down from the Status bar to display the Notification panel, and then tap Settings.

Search for Settings

If you are not sure exactly where to find a certain setting, you can use the Setting search feature.

- From a Home screen, tap Apps > Settings.
- Tap Q Search.
 - Enter a word or words in the Search box. As you type, settings that match will appear on the screen.
 - Tap an entry to go to that setting.

Customize the Quick Settings Menu

Quick settings are the settings that you are most likely to frequently use. When you first access the Settings menu, the Quick settings are set to a default list of settings.

Changing the Quick Settings

You can change the Quick settings list to include your most frequently used settings.

- From a Home screen, tap Apps > Settings.
- Tap More options > Edit quick settings.
 - Select additional settings to appear in your Quick settings menu. Settings that are already in the Quick settings menu are checked.
 - Uncheck a highlighted item to remove it.
- 3. Tap Save to save your new Quick settings menu.

Change How Settings Are Listed

Settings can be listed in grid view (default), a list view, or a tab view.

- From a Home screen, tap Apps > Settings.
- 2. Tap More options > View as.
- 3. Select a different view.

Wi-Fi and Wi-Fi Direct

Wi-Fi is a term used for certain types of Wireless Local Area Networks (WLAN). Wi-Fi communication requires access to a Wireless Access Point (WAP).

Wi-Fi Direct creates a direct connection between two or more devices using Wi-Fi.

Turn Wi-Fi On or Off

Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

- From a Home screen, tap Apps > Settings.
- Tap Wi-Fi, and then tap ON/OFF to turn Wi-Fi on or off.

Scan and Connect to a Wi-Fi Network

- From a Home screen, tap Apps > Settings.
- 2. Tap Wi-Fi, and then tap ON/OFF to turn Wi-Fi on.
- When Wi-Fi is first turned on, your device will automatically scan for available networks and display them.
- 4. Tap the network you want to connect to.
 - When you select an open network, you are automatically connected to the network.
 Otherwise, enter a password to connect.
 - To manually scan for networks, tap
 More options > Scan.

Manually Connect to a Wi-Fi Network

- From a Home screen, tap Apps > Settings.
- 2. Tap Wi-Fi, and then tap ON/OFF to turn Wi-Fi on.
- 3. Tap Add Wi-Fi network.
- 4. Enter information about the Wi-Fi network:
 - Tap Network SSID to enter the name of the Wi-Fi network.
 - Tap the Security field and select a security option and enter your password.
 - Tap Show advanced options if you need to add advanced options such as Proxy settings, IP settings, or Key management.
- Tap Connect to store the new information and connect to your target WAP.

Wi-Fi Status Indicators

These Status bar icons show your current Wi-Fi connection status:



Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).



A Wi-Fi access point is available, but your device is not connected to it. It may also display if there is a communication issue with the target Wireless Access Point (WAP).

Wi-Fi Settings

The Wi-Fi settings menu allows you to set up many of your device's advanced Wi-Fi services.

- From a Home screen, tap Apps > Settings.
- 2. Tap Wi-Fi, and then tap ON/OFF to turn Wi-Fi on.
- Tap More options for options:

Advanced:

- Wi-Fi notifications: Receive a notification when Wi-Fi is available or connected.
- Passpoint: Connect to passpoint-enabled Wi-Fi Access Points automatically.
- Sort by: Sort Wi-Fi networks by Alphabet or Signal strength.
- Keep Wi-Fi on during sleep: Specify when to disconnect from Wi-Fi.
- Always allow scanning: Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
- Smart network switch: Automatically switch between mobile data and Wi-Fi to maintain a stable Internet connection.

- Install certificates: Install authentication certificates.
- MAC address: View your device's MAC address, which is required when connecting to some secured networks (not configurable).
- IP address: View your device's IP address (not configurable).
- Manage networks: Manage your connected APs.
- WPS push button: Set up a connection to a WPS (Wi-Fi Protected Setup) router or other equipment.
- WPS PIN entry: View the PIN used by your device to set up a PIN-secured connection to a Wi-Fi router or other equipment (not configurable).
- Help: Learn about setting up and using Wi-Fi networks, and other settings.

Wi-Fi Direct

Wi-Fi Direct allows direct device-to-device connections via Wi-Fi, without having to connect to a Wi-Fi network.

- From a Home screen, tap Apps > Settings.
- Tap Wi-Fi, and then tap ON/OFF to turn Wi-Fi on. Wi-Fi must be on to configure settings.
- Tap More options > Wi-Fi Direct. Your device automatically scans for nearby Wi-Fi Direct devices, or you can tap Scan to start scanning.
- After scanning for devices, select a device, and then follow the prompts to complete the connection.
 - Tap More options > Multi connect to scan for devices that support multi connect. Select the devices and follow the prompts to establish the connections.

Wi-Fi Direct Status Indicator



Displays when connected to another device using Wi-Fi Direct.

Download Booster

Download Booster improves download speed by using both Wi-Fi and LTE networks at the same time when downloading files over 30 MB in size.

Note: Download Booster uses mobile data services.

To turn on Download Booster:

- 1. From a Home screen, tap Apps > Settings.
- Tap Download booster, and then tap ON/OFF to turn Download Booster on or off.
 - If you want to turn off download speed info, tap the check box next to Do not show speed info.

Bluetooth

Bluetooth is a short-range communications technology that allows you to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car Bluetooth systems, and Bluetooth-enabled computers, printers, and wireless devices.

Note: The Bluetooth communication range is approximately 30 feet.

Turn Bluetooth On or Off

- From a Home screen, tap **Apps** > **Settings**.
- Tap Bluetooth, and then tap ON/OFF to turn Bluetooth on or off.

Change Your Device's Name

Change the name others will use when pairing with your device via Bluetooth.

- From a Home screen, tap Apps > Settings.
- 2. Tap Bluetooth > | More options > Rename device.
- 3. Tap Device name and edit your device name.

Making Your Device Visible to Other Bluetooth Devices

When you make your device visible, other Bluetooth can find it in a scan and initiate pairing. You can choose the length of time your device remains visible.

- From a Home screen, tap Apps > Settings.
- Tap Bluetooth, and then tap ON/OFF to turn Bluetooth on.
- Tap Bluetooth > More options > Visibility timeout.
- Select a time period for your device to remain visible after you turn on visibility.

Scan for Bluetooth Devices

When you want to pair with another Bluetooth device, you can scan for nearby devices that are visible.

- From a Home screen, tap Apps > Settings.
- Tap Bluetooth, and then tap ON/OFF to turn on Bluetooth.
- When Bluetooth is first turned on, it scans for nearby Bluetooth devices and displays them.
 - To manually perform a new scan, tap Scan.

Pair Bluetooth Devices

The Bluetooth pairing process allows you to establish trusted connections between your device and another Bluetooth device.

Pairing between two Bluetooth devices is a one-time process. Once a pairing is created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode.

- From a Home screen, tap Apps > Settings.
- Tap Bluetooth, and then tap ON/OFF to turn on Bluetooth.

- Make sure that the target device is discoverable, so that your device can find it. Refer to the instructions that came with the device to find out how to set it to discoverable mode.
- 4. Tap **Scan**. Your device will start to scan for Bluetooth devices within range.
- 5. When you see the name of the target device displayed in the Bluetooth devices section, tap the name. Your device then automatically tries to pair with the target device. If automatic pairing fails, enter the passcode supplied with the target device.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Disconnect a Paired Device

Disconnecting a paired device breaks the connection between the device and your device, but retains the knowledge of the pairing. At a later point when you want to reconnect the device, there is no need to setup the connection information again.

- From a Home screen, tap Apps > Settings.
- Tap Bluetooth, and then tap ON/OFF to turn on Bluetooth.
- 3. Tap the previously paired device.
- 4. Tap **OK** to confirm disconnection.

Delete a Paired Device (Unpairing)

When you unpair from a Bluetooth device, the two devices will no longer recognize each other. To connect again, you need to pair the devices.

- Verify your Bluetooth is active.
- From the Bluetooth settings page, tap next to the previously paired device, and then tap **Unpair** to delete the paired device.

Review Files Received via Bluetooth

When you receive files from another device via Bluetooth, you can access them from Bluetooth settings.

- From a Home screen, tap Apps > Settings.
- 2. Tap Bluetooth > More options > Received files.

Bluetooth Status Indicators

The Status bar displays * when Bluetooth is turned on.

Airplane Mode

Airplane mode disconnects your device from all networks and turns off connectivity features, such as phone calls and Wi-Fi.

While in airplane mode, you can use other features, such as playing music, watching videos, and other online applications.

- From a Home screen, tap Apps > Settings.
- Tap Airplane mode, and then tap ON/OFF to enable or disable the option.

Note: You can also control Airplane mode from the Device options menu. Press and hold the **Power/Lock key**, and then tap **Airplane mode**.

Data Usage

Monitor your mobile data usage.

Note: Your service provider may account for data usage differently.

- From a Home screen, tap Apps > Settings > Data usage for options:
 - Mobile data: Enable mobile data. You can also control Mobile Data at the Notification panel.
 - Set mobile data usage: Disable your mobile data connection when the specified limit is reached. Drag the red limit line to set the data usage limit.
 - Data usage cycle: Tap the menu, and then choose a time period for data usage. Data usage for the period displays on the graph, along with usage by application below.

2. Tap More options:

- Restrict background data: Restrict some apps and services from working unless you are connected to a Wi-Fi network.
- Auto sync data: Set your accounts to automatically sync.
- Show Wi-Fi usage: Display a Wi-Fi tab that shows Wi-Fi usage.

Location Services

Some apps, such as Google maps, may require one or more location services be turned on for full functionality.

Locating Method

- From a Home screen, tap Apps > Settings > Location.
- Tap ON/OFF to turn on Location services.
- Tap **Mode** to select how your location is determined:
 - High accuracy: Use GPS, Wi-Fi, and mobile networks.
 - Power saving: Use Wi-Fi and mobile networks (no GPS).
 - GPS only: Use GPS only.

Recent Location Requests

Apps that have requested your location are listed under Recent location requests.

- From a Home screen, tap Apps > Settings > Location.
- Tap ON/OFF to turn on Location services.
- Tap an entry to view the app's settings.

Location Reporting

Google uses Location Reporting to store and use your device's most recent location data. Google apps, such as Google Maps, can use this data to improve your search results based on places that you have visited.

- From a Home screen, tap Apps > Settings > Location.
- 2. Tap ON/OFF to turn on Location services.
- Tap Google Location Reporting for options:
 - Location Reporting: Allow Google apps to use your device's most recent location data.
 - Location History: Allow Google to store a history of your location data. Tap DELETE LOCATION HISTORY to permanently delete your location history.

My Places

You can save your favorite locations for use with services that require location information. This information can improve your search results and other location-related activities.

- From a Home screen, tap Apps > Settings > Location.
- 2. Tap ON/OFF to turn on Location services.
- Tap My places.
 - Tap a category to add a location:
 - Tap + Add to add additional categories.
 - Tap More options > Delete to delete a custom category.

Note: Home, Work, and Car cannot be deleted.

Default Messaging App

If you have multiple messaging apps installed, you can select which app should be your default messaging app.

- From a Home screen, tap Apps > Settings.
- Tap More networks > Default messaging app to select a default.

Mobile Networks

Control your device's access to networks and mobile data service.

- 1. From a Home screen, tap Apps > Settings.
- 2. Tap More networks > Mobile networks for options:
 - Mobile data: Allow your device to connect to a mobile data network.
 - Network mode: Choose a preferred network mode.
 - Network operators: Manage network operators.

Virtual Private Networks (VPN)

Set up and manage your Virtual Private Networks (VPNs).

Note: You must set a screen lock PIN or password before setting up a VPN. For more information, see "Lock Screen" on page 188.

Adding a VPN

- From a Home screen, tap Apps > Settings > More networks > VPN.
- Tap + Add.
- 3. Follow the prompts to set up your VPN.

Connect to a VPN

- From a Home screen, tap Apps > Settings > More networks > VPN.
- Tap the VPN, enter your log in information, and tap Connect.

Edit or Delete a VPN

- From a Home screen, tap Apps > Settings > More networks > VPN.
- Touch and hold the VPN that you want to edit or delete.

Sharing Files with NFC

NFC (Near Field Communication)
allows data exchange when you touch
your device with another compatible
device. This is used for applications
such as Android Beam and S Beam.

To activate NFC:

- From a Home screen, tap Apps > Settings > NFC.
- Tap ON/OFF to turn NFC on.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

- From a Home screen, tap Apps > Settings > NFC.
- 2. Tap ON/OFF to turn NFC on.
- Tap Android Beam, and then tap ON/OFF to turn Android Beam on.
- Touch the back of your device with another NFC-capable device and the content is transferred.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together.

You can beam images and videos from your Gallery, music files from your Music app, and more.

- From a Home screen, tap Apps > Settings > NFC.
- Tap ON/OFF to turn NFC on.
- Tap S Beam, and then tap ON/OFF to turn S Beam on.
- Touch the back of your device with another NFC-capable device and the content is transferred.

Tap and Pay

Tap and pay allows you to select the default payment application you want to use for making on-phone purchases.

- From a Home screen, tap Apps > Settings > NFC.
- 2. Tap ON/OFF to turn NFC on.
- 3. Tap Tap and pay.
- Select the app that you want as your default.

Nearby Devices

Share your media files with nearby devices via Wi-Fi, Wi-Fi Direct.

Warning! If file sharing is enabled, other devices can access your data. Use this option with care.

- From a Home screen, tap Apps > Settings > Nearby devices.
- 2. Tap ON/OFF to enable Nearby devices.

- 3. Set the following options:
 - Shared contents: Select the content to share.
 Choices are: Videos, Photos, and Music.
 - Allowed devices: Indicate the devices accessible to your device.
 - Blocked devices: Indicate devices not allowed access to your device.
 - Download to: Allow downloading of data to your device or optional memory card (not included).
 - Receive files from other phones: Warn if a device attempts to upload data to your device.

Printing

Print images and documents to Samsung printers and other compatible printers (not included).

- From a Home screen, tap | Apps > Settings > Printing.
- 2. Tap a print service and follow the prompts.

Note: Tap **+ Add** to install additional print service drivers.

Screen Mirroring

Share Your Device's Screen with Another Device.

- From a Home screen, tap Apps > Settings > Screen Mirroring.
- Tap ON/OFF to enable Screen Mirroring. Available devices are listed.
- 3. Tap Scan to find more devices.
- 4. Tap a device and follow the prompts to connect.

Sound Settings

Configure the sounds and vibrations used to indicate notifications, screen touches, and other activities.

Change the Sound Mode

You can switch between sound modes, while preserving the individual sound settings you've made.

Tip: Sound modes are also available from the Device options menu. Press and hold the **Power/Lock** key, and then choose Mute, Vibrate, or Sound from the Device options.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Sound mode, and then choose a mode:
 - Sound: Your device uses the sounds, vibrations, and volume levels you've chosen in Sound settings for notifications and alerts.
 - Vibrate: Your device vibrates for notifications and alerts. This uses the Vibration intensity you choose in Sound settings.
 - Mute: Your device plays no sounds or vibrations.
 Onscreen reminders will still occur.

Adjust the Volume

Set the system volume level, and set default volume for call ringtones, notifications, and other audio.

Tip: You can also set System volume from the home screen by pressing the **Volume** key.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Volume, and then drag the sliders to set the default volume for:
 - Ringtone
 - Music, video, games and other media
 - Notifications
 - System

Set the Vibration Intensity

Set the amount of vibration for incoming calls, notifications, and haptic feedback.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Vibration intensity.
- Drag the sliders to set the various vibration intensities.

Select a Default Ringtone

Choose from preset ringtones or add your own.

- From a Home screen, tap Apps > Settings.
- 2. Tap Sound > Ringtones.
- Tap a ringtone to hear a preview, and then tap **OK** to set it as your default ringtone.
 - or -

Tap Add to use an audio file as a ringtone.

Select a Default Vibration Pattern

Choose from preset vibration patterns or create your own pattern.

- From a Home screen, tap Apps > Settings.
- 2. Tap Sound > Vibrations.
- Tap a pattern to preview it, and then tap **OK** to set it as your default vibration pattern.
 - or -

Tap **Create** and follow the prompts to create a new vibration pattern.

Change the Notification Sound

Choose a sound for notifications, such as for new messages and event reminders.

- From a Home screen, tap Apps > Settings.
- 2. Tap Sound > Notifications.
- Tap a sound to preview it, and then tap **OK** to set it as your default notification sound.

Vibrate When Ringing

Your device can vibrate in addition to ringing when you receive a call.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Vibrate when ringing to turn the feature on.

Play Tones When Entering a Phone Number

Play tone when the dialing keypad is tapped.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Dialing keypad tone to turn the feature on.

Play Tones When Touching or Tapping the Screen

Play tones when you touch or tap the screen to make selections.

- 1. From a Home screen, tap Apps > Settings.
- 2. Tap Sound > Touch sounds to turn the feature on.

Set the Screen Lock Sound

Play a sound when you unlock the screen.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Screen lock sound to turn the feature on.

Use Haptic Feedback

Set the device to vibrate when you tap the Back key and Recent apps keys, and for certain screen interactions.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Haptic feedback to turn the feature on.

Select an Emergency Tone

Set an alert tone or vibration when receiving an emergency message.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Emergency tone and select Off, Alert, or Vibrate.

Play a Sound When Using the Samsung Keyboard

Play a tone when keys are tapped on the Samsung Keyboard.

- From a Home screen, tap Apps > Settings
 Sound.
- 2. Tap each option to activate the feature:
 - Sound when tapped: Enables auditory feedback when you touch an onscreen key.
 - Vibrate when tapped: Enables the device to vibrate when you touch an onscreen key.

Set Notification Sounds for Samsung Applications

Choose notification alerts for new calls, messages, email, and calendar events.

- From a Home screen, tap Apps > Settings.
- 2. Tap Sound for options:
 - Call: Configure call notifications and alerts.
 - Messages: Configure messaging notifications and alerts.
 - Email: Configure email account notifications.
 - Calendar: Configure event notifications.

Music Effects

Select a default music effects control panel to use when playing music on your device.

- From a Home screen, tap Apps > Settings.
- Tap Sound > Music effects and select a music effects control panel.

Display Settings

Adjust the Screen Brightness

Adjust the screen brightness to suit your surroundings or personal preference. You may also want to adjust screen brightness to conserve battery power.

- From a Home screen, tap Apps > Settings.
- 2. Tap Display > Brightness for options:
 - Tap Automatic brightness to allow the device to adjust brightness automatically.
 - To set a custom brightness level, clear the Automatic brightness check mark and drag the Brightness level.

Note: You can also control Brightness from the Notification panel. Drag down the Status bar at the top of the screen to find the Brightness options.

Change the Font Style and Size

You can set the font style and size for all text that displays on the screen.

- From a Home screen, tap Apps > Settings.
- Tap Display > Font to choose a font style and font size.
 - Tap Font style > Download to find new fonts from the Google Play Store.

Automatically Rotate the Screen

Use the front camera to rotate the screen based on the orientation of your face.

- 1. From a Home screen, tap Apps > Settings.
- 2. Tap Display > Screen rotation.
- Tap ON/OFF, and then tap Smart rotation to turn the feature on.

Smart Stay

Using the front camera to detect your face, the screen will not time out as long as you are facing the screen.

- From a Home screen, tap Apps > Settings.
- 2. Tap **Display > Smart stay** to turn the feature on.

Set the Screen Timeout Delay

Choose how long the display screen remains lit after you tap the screen or press any key.

- From a Home screen, tap Apps > Settings.
- Tap Display > Screen timeout, and then choose a time period.

Select a Screen Mode

Choose a screen mode to match your type of viewing. You can choose to have the device automatically adapt the display depending on the type of image being displayed, and other criteria such as battery level.

- From a Home screen, tap Apps > Settings.
- Tap Display > Screen mode, and then choose a screen mode.
 - To have your device automatically optimize the display to match the type of image being displayed and other criteria, such as battery level, tap Adapt Display.

– or –

Choose a specific type of screen mode based on what your are viewing.

Auto Adjust the Screen Tone

Adjust the display brightness to suit the onscreen image in order to save power.

- From a Home screen, tap Apps > Settings.
- Tap Display > Auto adjust the screen tone to turn on this feature.

Daydream (Screen Saver)

The Daydream setting controls what the screen displays when the device is docked (dock not included), or while charging. You can choose to display colors, or display photos stored on your device.

- From a Home screen, tap Apps > Settings.
- Tap Display > Daydream. Tap ON/OFF to turn Daydream on. Configure options:
 - Colors: Tap the selector to display a changing screen of colors.
 - Flipboard: Display pictures from Flipboard. Tap
 Settings for options.
 - Google Photos: Display pictures from your Google Photos account. Tap Settings for options.
 - Photo frame: Display pictures in a photo frame.
 Tap Settings for options.
 - Photo table: Display pictures in a photo table.
 Tap Settings for options.
- 3. Tap Preview to see a demonstration of Daydream.

Configure the LED Indicator

Select which functions (such as charging or low battery) the LED indicator on the front of the device will display.

- From a Home screen, tap Apps > Settings.
- Tap Display > LED indicator for options.

Set the Touch Key Light Duration

Set the length of time the TRecent apps and Back keys remain lit after you touch them.

- From a Home screen, tap Apps > Settings.
- Tap Display > Touch key light duration to choose a timeout period.

Increase the Touch Sensitivity of the Screen

Increase the sensitivity of the touch screen to improve results when wearing gloves.

- From a Home screen, tap Apps > Settings.
- Tap Display > Increase touch sensitivity to turn the feature on.

Wallpaper Settings

Change the look of the home and lock screens with wallpaper.

You can display a favorite picture or choose from preloaded wallpapers.

- From a Home screen, tap Apps > Settings.
- Tap Wallpaper.
- Tap Home screen, Lock screen, or Home and lock screens.
- Tap an image to preview it, and then tap Set wallpaper.
 - Tap More images for additional wallpapers.

Lock Screen

Choose a method for unlocking your screen. Different Screen Locks have different levels of security and options.

Set a Screen Lock

- From a Home screen, tap Apps > Settings.
- 2. Tap Lock Screen
- Tap Screen lock to select a screen lock and level of security:
 - Swipe: Swipe the screen to unlock it. This option provides no security.
 - Pattern: A screen unlock pattern is a tap gesture you create and use to unlock your device. This option provides medium security.
 - PIN: Select a PIN to use for unlocking the screen. This option provides medium to high security.
 - Password: Create a password for unlocking the screen. This option provides high security.
 - Fingerprint: Use fingerprint recognition to unlock the screen. This option provides medium to high security.
 - None: Never use a Lock screen.

Screen Lock Options

Swipe Only

- Unlock effect: Set the visual effect used when unlocking the screen.
- Help text: Show help information on unlocking the screen on the Lock screen.

Pattern Only

- Pattern type: Select a pattern type.
- Make pattern visible: Display the pattern as your draw it.
- Vibration feedback: Vibrate when the unlock pattern is entered incorrectly.

Pattern, PIN, Password, and Fingerprint Only

- Lock automatically: Screen will be locked in five seconds after screen turns off.
- Lock instantly with power key: Tap to enable this feature.

All Screen Locks

- Dual clock: Display a dual clock on your Lock screen when roaming.
- Clock size: Select the size of the clock that will appear on your Lock screen.
- Show date: Display the date on the Lock screen.
- Camera shortcut: Display a camera shortcut on your Lock screen.
- Owner Information: Show owner information on the Lock screen.
- Additional information: Display Weather information or the step count when Pedometer in S Health is turned on.

Multi Window Settings

Turn on the Multi window feature.

For more information, see Using Multi Window.

- From a Home screen, tap Apps > Settings > Multi window.
- Tap **ON/OFF** to enable. The following options are available:
 - Open in multi window view: Automatically view content in a multi window when you open files from My Files or Video, or attachments from email

Notification Panel

Customize which Quick setting buttons appear on the Notification Panel.

You can also customize which apps appear on the Recommended applications menu on the Notification panel when you perform certain actions, such as plugging in earphones.

- From a Home screen, tap ### Apps >
 Settings > Notification panel.
 - or -

From the Notification panel, tap 🕎 View all > 🏂 Edit.

The following options are available:

- Brightness adjustment: Adjust the screen brightness from the Notification Panel.
- Related apps: Show selected apps on the Notification Panel after certain actions, such as connecting earphones. Tap ON/OFF to turn the feature on.

To customize which quick setting buttons appear at the top of the Notification Panel:

 Tap and drag buttons between the ACTIVE BUTTONS and AVAILABLE BUTTONS trays to reorder them.

To use the default layout:

Tap Reset.

Related Applications

When you perform certain actions, such as plugging in earphones, the Notification panel can display shortcut to your favorite related apps, such as Music Player or Google Play Music.

To customize which shortcuts appear on the Related apps menu:

- From a Home screen, tap Apps >
 Settings > Notification panel.
- Tap Related apps.
- 3. Tap **ON/OFF** to turn the feature on.
- Tap Edit and choose which apps to display on the Notification Panel when you insert earphones.

Toolbox

The Toolbox is a floating shortcut menu that displays on every screen, giving you quick access to your favorite apps.

- From the Home screen, tap Apps > Settings.
- Tap Toolbox.
- 3. Tap ON/OFF to enable.
- Tap Edit to choose up to five apps to display in Toolbox.

One-Handed Operation

Change the screen layout to accommodate operating your device with one hand.

To enable One-Handed Operation features:

- From a Home screen, tap Apps >
 Settings > One-handed operation.
- Tap ON/OFF to enable this feature, and follow the prompts to set it up.

Easy Mode

Switch between the default screen layout and a simpler layout. The Easy Mode layout has larger text and icons, making for a more straightforward visual experience.

To enable Easy Mode:

- From a Home screen, tap Apps > Settings > Easy mode.
- Tap Easy mode to enable this feature. When Easy mode is enabled, you can scroll down the page and select which apps you want to appear on the Home screens.
- Tap the check box next to the apps you want to add or remove.
- 4. When finished, tap Done.

Accessibility

Accessibility services are special features that make using the device easier for those with certain physical disabilities.

Note: You can download additional accessibility applications from the Google Play Store.

- 1. From a Home screen, tap Apps > Settings.
- Tap Accessibility for options:

Vision

- TalkBack: Speak feedback aloud to help blind and low-vision users.
 - TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.
- Dark screen: Keep the screen turned off at all times for privacy.

- Rapid key input: Release your finger to enter selection instead of double tapping.
- Speak passwords: Read the characters aloud as you enter your passwords.
- Font size: Set the font size.
- Magnification gestures: Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- Notification reminder: Play a beep when a notification for a call, message, and so on, has been missed.
- Negative colors: Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- Color adjustment: Adjust the color of the screen if you are color blind or have difficulty reading the display because of the screen color.
 Tap Color adjustment for options.
- Accessibility shortcut: Quickly enable accessibility features in two quick steps. Tap ON/OFF to turn the feature on.

 Text-to-speech options: Set your preferred TTS engine and options. For more information, see <u>"Text-To-Speech Options" on page 223</u>.

Hearing

- Flash notification: Set your camera light to blink whenever you receive a notification.
- Turn off all sounds: For privacy, turn off all notifications and audio.
- Hearing aids: Improve the sound quality of your device for use with hearing aids.
- Samsung subtitles (CC): Use Samsung subtitles with multimedia files when available Tap Samsung subtitles (CC) for options.
- Google subtitles (CC): Use Google subtitles with multimedia files when available. Tap Google subtitles (CC) for options.
- Sound balance: Use the slider to set the Left and Right balance when using a stereo device.

- Mono audio: Switch audio from stereo to mono for use with one earphone.
- Baby crying detector: Alert with vibration when baby crying is detected.
- Auto haptic: The device will vibrate in time to the sound when listening to music, watching videos, or playing games. It will also vibrate when buttons are tapped in supported apps. This may consume battery power, and not all applications will support this feature.

Dexterity and Interaction

- Assistant menu: Improve the device accessibility for users with reduced dexterity.
- Air wake up: Move your hand above the sensor to turn the screen back on.
- Touch and hold delay: Select a time interval for this tap gesture.
- Interaction control: Block areas of the screen from touch interaction. Disable Auto rotate screen and hard key functions. Only show application notifications in the Notification Panel and the Status bar.

More Settings

- Direct access: Open your accessibility settings by pressing the Home Key three times in quick succession.
- Answering/ending calls: Choose alternative options for answering and ending calls.
- Single tap mode: Tap to stop/snooze alarms and calendar events.
- Manage accessibility: Export your accessibility settings and share them with another device.

Services

Additional accessibility apps may be downloaded from the Google Play Store. Certain accessibility services you install may be configured here.

Blocking Mode

Turn off notifications for selected features.

- From a Home screen, tap Apps > Settings.
- 2. Tap Blocking mode.
- Tap ON/OFF to turn the feature on and configure these options:
 - Block incoming calls: Block all calls except for the people on your allowed list.
 - Turn off notifications: Block all notifications.
 - Turn off alarm and timer: Block all alarms.

The SET TIME option allows you to set Blocking mode for a specific time range or to always keep it on.

- Always: Tap to disable it and configure the From and To time fields.
- Allowed contacts: Add contacts to your allowed list.

- Allowed contact list: Manage your allowed list.
- Allowed contact groups: Manage groups on your allowed list.

Note: When Blocking Mode is enabled, \bigcirc displays in the Status Bar.

Private Mode

Hide personal content from being accessed by anyone else using your device.

Private mode is only available for certain applications.

Note: A secure screen lock (Pattern, PIN, Fingerprint, or Password) is required to use Private Mode.

Set Up Private Mode

- From a Home screen, tap Apps > Settings.
- Tap Private mode.
- Follow the prompts to learn about and set up Private mode.

Finger Scanner

Use fingerprint recognition as an alternative to entering passwords in certain apps.

You can also use your fingerprint to verify your identity when logging in to your Samsung account.

Register a Fingerprint

You can register up to 3 fingerprints. A password will also be set up as an alternative to your fingerprint.

- From a Home screen, tap Apps > Settings.
- 2. Tap Finger Scanner > Fingerprint manager.
 - To add a fingerprint, tap + Add and follow the instructions to register a fingerprint and password.
 - To rename a fingerprint, touch and hold the fingerprint, and then touch Rename.
 - To delete a fingerprint, touch and hold the fingerprint, and then touch m Done.

Change Your Alternative Password

- From a Home screen, tap Apps > Settings.
- Tap Finger Scanner > Change alternative password.
- 3. Enter your fingerprint or password.
- 4. Enter a new alternative password and tap Continue.

Additional Settings

- From a Home screen, tap Apps > Settings.
- 2. Tap Finger Scanner for options.
 - Screen lock: Change your Screen lock and access Screen lock settings. For more information, see "Set a Screen Lock" on page 189.
 - Verify Samsung account: Verify your identity using your fingerprint when logging in to your Samsung account.
 - Pay with PayPal: Link your PayPal account to your device to make faster and more secure PayPal payments using any of your registered fingerprints.

Motions and Gestures

Control certain device actions by touching the screen with the palm of your hand.

- From a Home screen, tap Apps > Settings.
- 2. Tap Motions and gestures.
- Tap ON/OFF to enable each of the following:
 - Air browse: Scroll through pages or lists by moving your hand over the sensor.
 - Direct call: Call the contact whose call log, message, or contact details are currently on the screen by bringing the device close to your ear.
 - Smart alert: Set the device to vibrate when you pick it up to notify you about missed calls and messages.

- Mute/pause: Mute or pause sounds and video by covering the screen or turning over the device. Palm swipe to capture: Capture an image of the screen when you sweep your hand left or right across the screen.
- Palm swipe to capture: Capture an image of the screen when you sweep your hand left or right across the screen.

Air View

Preview information, extend text, or enlarge pictures by hovering your finger over the screen.

- 1. From a Home screen, tap Apps > Settings.
- 2. Tap Air view.
- 3. Tap ON/OFF to turn the feature on.

Accounts

Set up and manage accounts, including your Google Account, Samsung account, email, and social networking accounts.

Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Add an Account

- From a Home screen, tap Apps > Settings.
- Tap Accounts > Add account.
- 3. Tap one of the account types.
- Follow the prompts to enter your credentials and set up the account.

Synchronize Accounts

- From a Home screen, tap Apps > Settings.
- 2. Tap Accounts > (account type).
- Tap an account to view the sync settings for that account.
 - · Check individual data items to sync.
 - Tap More options > Sync now to synchronize the account.

Account Settings

Each account has its own set of settings. In addition, you can configure common settings for all accounts of the same type.

Note: Account settings and available features vary between account types and service providers. Contact your service provider for more information on your account's settings.

- From a Home screen, tap Apps > Settings.
- 2. Tap Accounts > (account type).
 - Tap an account to configure that account's settings.
 - Tap Settings or other available options to configure common settings for all accounts of this type.

Delete an Account

- 1. From a Home screen, tap Apps > Settings.
- Tap Accounts > (account type).
- Tap the account, and then tap More options > Remove account.

Backup and Reset

Back up your data to Google servers. You can also reset your device to its factory defaults.

Backup and Restore

Enable backup of your information to Google servers.

- From a Home screen, tap Apps > Settings.
- 2. Tap Backup and reset for options:
 - Back up my data: Enable back up of application data, Wi-Fi passwords, and other settings to Google servers.
 - Backup account: Select a Google account to be used as your backup account.
 - Automatic restore: Enable automatic restoration of settings from Google servers. When enabled, backed-up settings are restored when you reinstall an application.

Factory Data Reset

Return your device to its factory defaults.

Warning! This action permanently erases ALL data from the device, including Google or other account settings, system and application data and settings, downloaded applications, as well as your music, photos, videos, and other files.

- From a Home screen, tap Apps > Settings.
- 2. Tap Backup and reset > Factory data reset.
- Tap Reset device and follow the prompts to perform the reset.

Language and Input Settings

Configure your device's language and input settings.

Set Your Default Language

- From a Home screen, tap Apps > Settings.
- Tap Language and input > Language.
- Select a language from the list.

Select Your Default Keyboard or Input Method

- From a Home screen, tap Apps > Settings.
- Tap Language and input > Default.
- 3. Select a keyboard.

Note: Additional keyboards can be downloaded from the Google Play Store.

Samsung Keyboard Settings

Configure options for using the Samsung keyboard.

- From a Home screen, tap Apps > Settings.
- 2. Tap Language and input.
- Tap Settings next to Samsung keyboard for options:
 - Keyboard: Select the keyboard layout.
 - Select input languages: Choose which languages are available on the keyboard. To switch between languages, slide the space bar sideways.
 - Predictive text: Allow Predictive text to suggest
 words matching your text entries, and, optionally,
 complete common words automatically.
 Predictive text can learn your personal writing
 style from your contacts, messages, Gmail, and
 social networking sites—improving its accuracy
 of predicting your text entries.
 - Additional keyboard settings provide assistance with capitalization, punctuation, and much more.

Swype Keyboard Settings

Configure options for using the Swype keyboard.

- From a Home screen, tap Apps > Settings.
- 2. Tap Language and input.
- Tap Settings next to Swype for options:
 - Settings: Configure basic options.
 - Themes: Change the keyboard layout.
 - My Words: Manage your personal dictionary, new word updates, as well as how Swype can learn from your writing style in various apps.
 - Languages: Set the current language. Additional languages can be downloaded.
 - Gestures: Learn about using Swype gestures.
 - Help: View information on using Swype.

Google Voice Typing Settings

Speak rather than type your text entries using Google Voice Typing.

- From a Home screen, tap Apps > Settings.
- 2. Tap Language and input.
- Tap Settings next to Google voice typing for options:
 - Languages: Select languages for Google voice typing.
 - Speech output: Select options for spoken feedback.
 - "Ok Google" Detection: Launch a Google search whenever you say "Ok Google".
 - Offline speech recognition: Download and install speech recognition engines, allowing you to use voice input while not connected to the network.
 - Block offensive words: Hide words many people find offensive in results of Google voice searches. Offensive words are replaced in results with a placeholder (####).
 - Bluetooth headset: Use audio input from a Bluetooth headset, if one is connected.

Voice Search

Use Google voice recognition to perform Google searches using spoken commands.

To perform a voice search, tap \P in the Google search bar or widget. Or say "Ok Google" to launch a Google search (if the hotword detection option is enabled).

- From a Home screen, tap Apps > Settings.
- Tap Language and input > Voice search for options.
 - Tap "Ok Google" Detection to launch a Google search whenever you say "Ok Google."
 - Additional options include selecting a default language, blocking offensive words, and more.

Text-To-Speech Options

Configure your Text-To-Speech (TTS) options. TTS is used for various accessibility features, such as TalkBack. For more information, see "Set a Screen Lock" on page 189.

- From a Home screen, tap Apps > Settings.
- Tap Language and input > Text-to-speech options for options:
 - Choose either the Samsung or Goggle text-to-speech engine. Tap Settings next to each TTS engine for options.
 - Speech rate: Set the speed at which the text is spoken.
 - Listen to an example: Play a sample of speech synthesis (available if voice data is installed).
 - Default language status: Display the default language in use.

Read New Notifications Aloud

Set the device to read new notifications aloud for incoming calls, messages, and emails, as well as caller or sender information.

- From a Home screen, tap Apps > Settings.
- Tap Language and input > Read notifications aloud.
- 3. Touch a check box to enable each option.

Mouse/Trackpad Settings

Configure settings for using an optional mouse or trackpad (not included).

- From a Home screen, tap Apps > Settings.
- 2. Tap Language and input > Pointer speed.
- 3. Drag the slider to set the speed of the pointer.
- Tap **OK** to save your setting.

Date and Time Settings

By default, your device receives date and time information from the wireless network.

When you are outside network coverage, you may want to set date and time information manually using the date and time settings.

- From a Home screen, tap Apps > Settings.
- 2. Tap Date and time.
- Set the date, time, time zone, time format, and date format.

Safety Assistance

Receive real-time information about emergencies and severe weather conditions.

You can also enable Emergency mode: a power-conserving mode that restricts certain apps and functions while allowing access to Messages, Contacts, and emergency calls.

Emergency Mode

Use Emergency mode to conserve battery power during emergencies. Power-hungry apps and functions are disable, but you are still able to send messages, use Contacts, and make emergency calls.

- From a Home screen, tap Apps >
 Settings > Safety Assistance.
- 2. Tap Emergency mode.
- 3. Tap ON/OFF to turn the feature on.

Geo News

Receive information about weather, environmental situations, and geological information for your location during emergencies.

- From a Home screen, tap Apps >
 Settings > Safety Assistance.
- Tap Geo News.
- 3. Tap ON/OFF to turn the feature on.
 - Geo News notification pop-ups: Receive pop-up alerts.

Send Help Messages

Send a quick alert to your primary contacts when you are in an emergency situation.

To enable this feature:

- From a Home screen, tap Apps >
 Settings > Safety Assistance.
- 2. Tap Send help messages.
- Tap ON/OFF to turn the feature on and configure the following options:
 - Send pictures: Send photos taken with the front and back cameras to your emergency contacts.
 - Send sound recording: Send a short audio message to your emergency contacts.

To send a help message:

Press the Power/Lock key quickly three times.

Manage Emergency Contacts

Select contacts or create new ones to be your emergency contacts. These contacts automatically receive your help message.

- From a Home screen, tap Apps > Settings > Safety Assistance.
- 2. Tap Manage emergency contacts.
- Tap Create emergency contact and choose one of the following options:
 - Create contact: Enter a name and phone number for a new emergency contact.
 - Select from contacts: Designate a contact to be an emergency contact.

Accessories

Configure options when using HDMI audio devices (not included) or using a book cover (not included).

- From a Home screen, tap Apps > Settings.
- 2. Tap Accessories for options:
 - Audio output: Select a sound output format to use when connecting your device to HDMI devices (not included). Some devices may not support the surround sound setting.

Battery

View how battery power is used for device activities.

- From a Home screen, tap Apps > Settings.
- Tap Battery for options:
 - Show battery percentage: Display the battery charge percentage next to the battery icon on the Status bar.

Battery Chart

The battery level displays as a percentage. The amount of time the battery has been used also displays.

Tap the battery chart for history details.

Apps and OS Usage

Battery usage displays in percentages per application.

- Tap Screen, Android System, Android OS, or an app to view they are affecting battery use.
- 2. Tap \(\bigcap \) Refresh to update the listing.

Note: Other applications may be running that affect battery use.

Power Saving

Conserve battery power by automatically adjusting the screen brightness, limiting the performance of the CPU, and other power reduction activities.

Ultra power saving mode saves even more battery power by using a gray scale theme on the Home screen and limiting the number of usable apps.

- From a Home screen, tap Apps > Settings.
- 2. Tap **Power saving** for options:
 - Power saving mode: Tap ON/OFF to turn the feature on, and then select options.
 - Ultra power saving mode: Tap ON/OFF to turn the feature on.

Tip: Tap More options > Turn off Ultra power saving mode to turn off Ultra power saving mode.

Storage

View the device memory and usage, or mount, unmount, or format an optional memory card (not included).

Device Memory

View and manage the memory used by the device.

- From a Home screen, tap Apps > Settings.
- Tap Storage.
 - The DEVICE MEMORY displays Total space and Available space.
 - The amounts of memory used by Applications, Pictures and videos, Audio, Downloads, Cached data, and Miscellaneous files are also displayed.

To increase available memory:

- Tap Cached data to clear all cached data for all apps.
- Tap Miscellaneous files, select unnecessary files (or tap Select all), and then tap Delete.

Memory Card (SD Card)

Once an optional memory card (not included) has been installed in your device, the card memory displays as Total space and Available space.

Install a Memory Card

You can use an optional microSD or microSDHC card (not included) to add additional memory space to your device.



- Remove the back cover. For more information, see "Remove the Back Cover" on page 6.
- With the gold contacts facing down, carefully slide the memory card into the slot, pushing gently until it clicks into place.
- Replace the back cover. For more information, see "Replace the Back Cover" on page 9.

Mount a Memory Card

When you install an optional memory card, it is automatically mounted (connected to the device) and prepared for use. However, should you unmount the card without removing it from the device, you will need to mount it before it can be accessed.

- From a Home screen, tap Apps > Settings.
- Tap Storage > Mount SD card.

Unmount an SD Card

To prevent damage to information stored on the memory card, always unmount the card before removing it from the device.

Unmounting an SD card may stop some applications from functioning until you mount the SD card again.

- 1. From a Home screen, tap Apps > Settings.
- Tap Storage > Unmount SD card.

Remove a Memory Card

Warning! To prevent damage to information stored on the memory card, unmount the card before removing it from the device.

- From a Home screen, tap Apps > Settings.
- Tap Storage > Unmount SD card.
- Remove the back cover. For more information, see <u>"Replace the Back Cover" on page 9.</u>
- Gently press inward on the memory card so that it pops out from the slot and carefully pull the card out
- Replace the back cover. For more information, see "Remove the Back Cover" on page 6.

Formatting an SD Card

Warning! When formatting an SD card, you should backup your music and photo files that are stored on the card because formatting the SD card deletes all the stored data.

- From a Home screen, tap Apps > Settings.
- Tap Storage > Format SD card and follow the prompts.

Security

Secure your device and protect your data with Security settings.

Encrypt Your Data

Require a numeric PIN or password to decrypt your device each time you power it on or encrypt the data on a memory card (not included) each time it is connected.

- From a Home screen, tap Apps > Settings.
- 2. Tap Security for options:
 - Tap Encrypt device and follow the prompts to encrypt all data on your device.
 - Tap Encrypt external SD card to encrypt data on a memory card (not included).

Locate a Lost Device

Protect your device from loss or theft allowing your device to be locked, tracked, and for your data to be deleted remotely.

Note: You must sign up for a Samsung account and enable Google location service to use Remote controls.

- From a Home screen, tap Apps > Settings.
- Tap Security > Remote controls and follow the prompts to set up Remote controls.

Find My Mobile Web Page

 To access your device remotely, visit findmymobile.samsung.com.

Prevent Others From Reactivating Your Device

Stop others from reactivating your device after it has been reset remotely.

- From a Home screen, tap Apps > Settings.
- Tap Security > Reactivation lock to enable the feature.

Set Up or Change Your Factory Data Password

Protect your device from being reset accidentally by requiring a special password before it can be reset to its factory defaults.

- From a Home screen, tap Apps > Settings.
- Tap Security > Set up/change password and follow the prompts.

Set Up or Change Your SIM Card Lock

Use this option to set up your password when one is first required or change your current password.

- From a Home screen, tap Apps > Settings.
- Tap Security > Set up SIM card lock and follow the prompts.

View Passwords

Display password characters briefly as you type them.

- From a Home screen, tap Apps > Settings.
- Tap Security > Make passwords visible to turn the feature on.

Device Administration

Manage your device administrators and application installation privileges.

- From a Home screen, tap Apps > Settings.
- Tap Security for options:
 - Device administrators: Add or remove device administrators.
 - Unknown sources: Enable installation of non-Google Play applications.
 - Verify apps: Block or warn before installing apps that may cause harm.

Warning! Enabling installation of third-party applications can cause your device and personal data to be more vulnerable to attacks by unknown sources.

Security Update Service

Automatically receive security updates.

- From a Home screen, tap Apps > Settings.
- 2. Tap Security for options:
 - Security policy updates: Automatically or manually check for security policy updates.
 - Send security reports: Send security reports to Samsung via Wi-Fi for threat analysis.

Credential Storage

Manage your security certificates. If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

- From a Home screen, tap Apps > Settings.
- 2. Tap Security for options:
 - Storage type: Select a storage location for credential contents.
 - Trusted credentials: Display certificates in your device's ROM and other certificates you have installed.
 - Install from phone storage: Install a new certificate from storage.
 - Clear credentials: Erase the credential contents from the device and reset the password.

Help

View tips and guidelines for using your device.

- 1. From a Home screen, tap **Apps** > **Settings**.
- Tap **Help** for information about new features, applications, settings, and so on.

About Your Device

View information about your device, including status, legal information, hardware and software versions, and a tutorial.

- From a Home screen, tap Apps > Settings.
- Tap About device, and then tap items for more details:
 - Software update: Check for and install available software updates.
 - Status: View the status of the battery, network, and other information about your device.
 - Legal information: View your device's open source licenses and Google legal information.

- Report diagnostic info: Tap to enable reporting.
- Device name: View and change your device's name.
- Additional device information includes the Model number, Android version, Build number, and more.

Software Update

Use Software update to update your device's software.

- From a Home screen, tap Apps > Settings.
- 2. Tap About device > Software update.
- Follow the prompts to check for available software updates to download and install.

Application Manager

You can download and install new applications on your device. Use Application manager settings to manage your downloaded and preloaded applications.

Warning: Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

- From a Home screen, tap Apps > Settings > Application manager.
- Swipe across the screen to display DOWNLOADED, SD CARD, RUNNING, or ALL to display memory usage for that category of applications.

The graph on the DOWNLOADED tab shows used and free device memory. The graph on the RUNNING tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

- From a Home screen, tap Apps > Settings > Application manager.
- Tap **DOWNLOADED** to view a list of all the downloaded applications on your device.

 - To reset all of your application preferences, tap
 More options > Reset app preferences.
 - Tap an application to view and update information about the application, including memory usage, default settings, and permissions. The following options are displayed:
 - Force stop: Stop an app that is misbehaving.
 Restart your device if stopping an app,
 process, or service causes your device to stop working correctly.

- Uninstall/Uninstall updates: Delete the application from the device or uninstall updates made to apps that cannot be deleted.
- Move to SD card: Move this app to your microSD card.
- Clear data: Clear application data from memory.
- Clear cache: Clear an application's temporary memory storage.
- Clear defaults: Clear an application's customization.
- Permissions: View information about the application's access to your device and data.

SD Card

Displays apps you have downloaded onto your memory card (not included).

- From a Home screen, tap | Apps > Settings > Application manager.
- Tap SD CARD to view a list of all the downloaded applications on your SD card.
 - To switch the order of the SD CARD list, tap
 More options > Sort by size or Sort by name.
 - To reset your application preferences, tap
 More options > Reset app preferences.

Note: When you reset app preferences, you will not lose any app data.

Tap an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

- From a Home screen, tap Apps > Settings > Application manager.
- 2. Tap RUNNING to view a list of running services.

All the applications that are currently running on the device display.

- Tap Show cached processes to display all the cached processes that are running. Tap Show services in use to switch back.
- Tap one of the applications to view application information.
 - Stop: Stops the application from running on the device. This is usually done prior to uninstalling the application. (Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.)
 - Report: Report failure and other application information.

Note: Options vary by application.

Default Applications

If you have multiple applications of the same type, such as email apps, you can select one app to be the default.

You can also use a simpler Home screen which provides an easier user experience for first-time smartphone users.

- From a Home screen, tap Apps > Settings > Default Applications.
- 2. Tap Home and select a Home screen mode:
 - TouchWiz easy home: Provides an easier user experience for the first-time smartphone users.
 - TouchWiz home: The Home screen that originally displays on your phone.
- 3. Tap Messages and select a default messaging app.
- 4. To clear defaults you have set up, tap Clear.

Application Settings Shortcuts

Shortcuts to the settings for various apps are available in one convenient location.

To quickly access the settings for Contacts, Email, Gallery, Internet, Calendar, or S Voice:

- From a Home screen, tap Apps > Settings.
- Tap one of the following to display the settings for the selected app:
 - Calendar: For more information, see "Calendar Settings" on page 74.
 - Call: For more information, see "Call Settings" on page 56.
 - Contacts: For more information, see <u>"Contact Settings" on page 95.</u>
 - Email: For more information, see "Email Settings" on page 99.

- Gallery: For more information, see "Gallery Settings" on page 106.
- Internet: For more information, see <u>"Internet Settings" on page 110</u>.
- Messages: For more information, see "Messaging Settings" on page 119.
- S Voice: For more information, see "S Voice Settings" on page 130.